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ABSTRACT

This publication is a compiled and indexed bibliography of solid waste management documents produced in the last ten years. This U.S. Environmental Protection Agency (EPA) publication is compiled from the Office of Solid Waste Management Programs (OSWMP) publications and the National Technical Information Service (NTIS) reports. Included are subject, title, and author indexes of the two publications lists. The introductory section contains some selected materials to serve as an orientation to solid waste management issues. Also, this section includes teaching materials, exhibits, films, training programs, slide programs and other solid waste management materials listed for easy reference. The three indexes have order numbers for each entry; order information is listed in the back of the publication. (MR)

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solid waste management

available information materials

total listing, 1966-1976

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solid waste management available information materials

This bibliography (SW-58.26), listing all reports published
by the Office of Solid Waste Management Programs
from January 1966 through June 1976,
was compiled and indexed
by JULIE L. LARSEN

u.s. environmental protection agency

september 1976

foreword

The importance of collecting and making available the information pertaining to solid-waste-related research, demonstration projects, and other activities was emphasized by the specific authorization contained in Section 204(b) of the 1965 Solid Waste Disposal Act, Public Law 89-272. The present comprehensive bibliography lists publications and other educational materials that have been published or collected by the Office of Solid Waste Management Programs, U.S.-Environmental Protection Agency, in response to this directive, its contents, reflect the entire scope of the work undertaken by EPA's solid waste program from 1966 to the present, are intended for the serious investigator.

—SHELDON MEYERS

*Deputy Assistant Administrator
for Solid Waste Management*

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solid waste management available information materials

The solid waste management information materials available from the U.S. Environmental Protection Agency (EPA) are from various sources. There are EPA publications and other materials reporting on results of the research, development, and demonstrations authorized by the Solid Waste Disposal Act of 1965, as amended. This far-reaching Federal program of grants and contracts has generated solid-waste-related projects in many fields from 1966 to the present. Reports from the grantees and contractors are published by EPA as soon as available. Presentations and policy statements by key personnel and results of technical investigations conducted by EPA staff are printed by EPA, or submitted to professional journals, so that the reports will reach the most appropriate audience. In the latter case, reprints are frequently purchased and distributed by EPA. Conference proceedings, findings of various commissions and study groups and other collateral literature are also made available as supplies permit. Certain of the items have been grouped in various combinations in special information kits.

In addition to the titles available from EPA, various library systems, or from the Superintendent of Documents, over 250 reports on grant and contract activities relating to solid waste management are available for purchase from the Department of Commerce National Technical Information Service (NTIS). These reports are issued through NTIS to make the data most readily available to the technical community. Author and subject indexes, including both the Office of Solid Waste Management Programs (OSWMP) publications and the NTIS reports are in the back of this catalog. An integrated list of OSWMP publications and NTIS reports, by title, is also included.

We also wish to call to the attention of our readers another OSWMP literature research tool—the OSWMP information retrieval system which makes available (in the form of abstracts) worldwide coverage of the current non-OSWMP-generated literature on solid waste management. A description of OSWMP's Solid Waste Information Retrieval System (SWIRS), with an inquiry

form that may be used in requesting a SWIRS literature search, are in the back of the book, as well as an NTIS order form, and an OSWMP information-materials request form.

In gathering and publishing this information on solid waste management, EPA hopes to assist those engaged in the task of finding ways to manage the Nation's burden of solid wastes while at the same time contributing to efforts for resource and energy conservation and land protection.

basic information materials on solid waste management

The following materials have been selected from this catalog to provide an orientation to some of the issues related to the national effort to improve solid waste management, resource/energy conservation, solid waste systems management and land protection, hazardous wastes management, and waste reduction. To order, see films section and order form for OSWMP publications in this catalog.

overall solid waste management issues

oswmp
order nos.*

171. The Solid-Waste Disposal Act, Title II of Public Law 89-272--89th Congress, S.306--October 20, 1965; as amended by the Resource Recovery Act of 1970, Public Law 91-512--91st Congress, H.R.11833--October 26, 1970; by Public Law 93-14--93rd Congress, H.R. 5446--April 9, 1973 (To extend the amended Solid Waste Disposal Act--for one year); and by Public Law 93-611--93rd Congress, H.R. 16045--January 2, 1975 (To amend the Solid Waste Disposal Act to authorize appropriations for fiscal year 1975). Environmental Protection Publication SW-1.3. [Washington], U.S. Environmental Protection Agency, Office of Solid Waste Management Programs, 1975. 14 p.
327. The States' roles in solid waste management; a task force report. T. Anderson et al. Lexington, Council of State Governments, 1973. 58 p. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, July 1973.
373. Basic issues on solid waste management affecting county government. National Association of Counties. [Washington], U.S. Environmental Protection Agency, May 1973. 40 p.
331. Cities and the nation's disposal crisis. Washington, National League of Cities and U.S. Conference of Mayors, Mar. 1973. 46 p. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, June 1973.
390. Decision-makers guide in solid waste management. 2d ed. Environmental Protection Publication SW-500. Washington, U.S. Government Printing Office, 1976. 158 p.
525. Solid waste management. horizons unlimited. R. E. Train. Presented at International Waste Equipment and Technology Exposition, Chicago, June 2, 1976. Washington, U.S. Environmental Protection Agency. 16 p.
526. Status of solid waste management in the United States. S. Meyers. Presented at 2d International Congress of the International Solid Wastes Association, Padua, June 24, 1976. Washington, U.S. Environmental Protection Agency. (In press.)

resource/energy conservation

344. Recycling and the consumer, solid waste management. Environmental Protection Publication SW-117. [Washington], U.S. Environmental Protection Agency, 1974. 12 p.
378. Energy conservation through improved solid waste management. R. A. Lowe, M. Loube, and F. A. Smith. Environmental Protection Publication SW-125. [Washington], U.S. Environmental Protection Agency, 1974. 39 p.

*See order form for OSWMP publications in back of catalog.

order nos.

432. A nationwide survey of resource recovery activities. L. McEwen. Environmental Protection Publication SW-142.1. [Washington], U.S. Environmental Protection Agency, 1976. (In press.)
448. Resource recovery and waste reduction, third report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-161. Washington, U.S. Government Printing Office, 1975. 96 p.
473. Source separation for materials recovery; guidelines. U.S. Environmental Protection Agency. *Federal Register*, 41(80):16950-16956, Apr. 23, 1976.
486. Residential paper recovery, a municipal implementation guide. P. Hansen. Environmental Protection Publication SW-155, [Washington], U.S. Environmental Protection Agency, 1975. 26 p.
490. Guidelines for procurement of products that contain recycled material. U.S. Environmental Protection Agency. *Federal Register*, 41(10):2356-2363, Jan. 15, 1976.
498. Quantity and composition of post-consumer solid waste. material flow estimates for 1973 and baseline future projections. F. A. Smith. *Waste Age*, 7(4):2,6-8,10, Apr. 1976.
503. Saving the energy in solid waste, environmental information. Washington, U.S. Environmental Protection Agency, [1976]. 4 p. [Fact sheet.]
505. Waste reduction and resource recovery--there's room for both. N. Humber. *Waste Age*, 6(11):38,40-41,44, Nov. 1975.
510. Demonstrating source separation in Somerville and Marblehead, Massachusetts. P. Hansen and J. Ramsey. *Waste Age*, 7(2):26-27,48, Feb. 1976.

reports on U.S. Environmental Protection Agency demonstration grants
for energy and materials recovery

264. Energy recovery from waste, solid waste as supplementary fuel in power plant boilers. R. A. Lowe. Environmental Protection Publication SW-36d.ii. Washington. U.S. Government Printing Office, 1973. 24 p.
387. Refuse as a supplementary fuel for power plants--November 1973 through March 1974; interim progress report. G. W. Sutterfield. Environmental Protection Publication SW-36d.iii. [Washington], U.S. Environmental Protection Agency, July 1974. 25 p.
408. Recovering resources from solid waste using wet-processing: EPA's Franklin, Ohio, demonstration project. D. G. Arella. Environmental Protection Publication SW-47d. Washington, U.S. Government Printing Office, 1974. 26 p.
431. Baltimore demonstrates gas pyrolysis, resource recovery from solid waste. D. B. Sussman. Environmental Protection Publication SW-75d.i. Washington, U.S. Government Printing Office, 1975. 24 p.
442. San Diego County demonstrates pyrolysis of solid waste to recover liquid fuel, metals, and glass. S. J. Levy. Environmental Protection Publication SW-80d.2. Washington, U.S. Government Printing Office, 1975. 27 p.
528. Resource recovery technology update from the U.S.E.P.A.: status report on resource recovery technology: demonstrating resource recovery. S. Lingle, ed. *Waste Age*, 7(6):19,22,26,42,44-46, June 1976.

waste reduction

353. Resource recovery and source reduction, second report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-122. Washington, U.S. Government Printing Office, 1974. 112 p.

order nos.

364. Environmental protection, residuals management, and resources--the future is now. A. Darnay. Presented at Annual Meeting of National Packaging Association, Boca Raton, Fla., Mar 12-16, 1974. [Washington], U.S. Environmental Protection Agency, 1974. 23 p.
416. Source reduction fact sheet, Red Owl Stores program. [Washington], U.S. Environmental Protection Agency, [1974]. 3 p.
447. Source reduction fact sheet, reducing waste at its source, program of International Paper Company and Wells Dairy. Washington, U.S. Environmental Protection Agency. May 1975. 2 p.
448. Resource recovery and waste reduction, third report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-161. Washington, U.S. Government Printing Office, 1975. 96 p.
456. Reduce, targets, means and impacts of source reduction. D. Wahl and G. Allison. League of Women Voters Publication No. 576. Washington, League of Women Voters of the United States, 1975. 47 p.
459. Statement of Honorable John R. Quarles, Jr., Deputy Administrator, Environmental Protection Agency, before the Subcommittee on the Environment, Committee on Commerce, United States Senate, May 7, 1974. J. R. Quarles, Jr. Washington, U.S. Environmental Protection Agency, 1975. 14 p.
460. Win the war on waste. R. E. Train. Presented at 3d National Congress on Waste Management Technology and Resource Recovery, San Francisco, Nov. 14, 1974. [Washington, U.S. Environmental Protection Agency, 1975.] 15 p.
461. Proceedings; 1975 Conference on Waste Reduction, April 2-3, 1975, Washington, D.C. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-7p. Washington, U.S. Government Printing Office, 1975. 152 p.
462. Questions and answers, returnable beverage containers for beer and soft drinks. [Washington, U.S. Environmental Protection Agency, Office of Solid Waste Management Programs], July 1975. [13 p.]
463. Solid waste management; guidelines for beverage containers. U.S. Environmental Protection Agency. *Federal Register*, 40(220):52968-52969, Nov. 13, 1975.
487. Beverage containers. the Vermont experience. M. Loube. Environmental Protection Publication SW-139. [Washington], U.S. Environmental Protection Agency, 1975. 16 p.
500. Reduce the incentive to waste. J. H. Skinner. Paper No. 7d. Presented at 80th National Meeting, American Institute of Chemical Engineers, Boston, Sept. 8, 1975. 9 p.
505. Waste reduction and resource recovery--there's room for both. N. Humber. *Waste Age*, 6(11):38,40-41,44, Nov. 1975.

solid waste systems management and land protection

47. Sanitary landfill facts. 2d ed. T. J. Sorg and H. L. Hickman, Jr. Public Health Service Publication No. 1792. Washington, U.S. Government Printing Office, 1970. 30 p.

order nos.

287. Sanitary landfill design and operation. D. R. Brunner and D. J. Keller. Environmental Protection Publication SW-65ts. Washington, U.S. Government Printing Office, 1972. 59 p.
385. Thermal processing and land disposal of solid waste; guidelines. *Federal Register*, 39(158):29327-29338, Aug. 14, 1974.
409. A five-stage improvement process for solid waste collection systems. K. A. Shuster. Environmental Protection Publication SW-131. Washington, U.S. Government Printing Office, 1974. 38 p.
504. Guidelines for the storage and collection of residential, commercial, and institutional solid waste. U.S. Environmental Protection Agency. *Federal Register* 41(31):6766-6772, Feb. 13, 1976.
510. Demonstrating multimaterial source separation in Somerville and Marblehead, Massachusetts. P. Hansen and J. Ramsey. *Waste Age*, 7(2):26-27, 48, Feb. 1976.

Motion picture:

The big pickup. Environmental Protection Publication SW-100c. [28 min, 16 mm, sound, color, 1974.] Describes America's \$5-billion-a-year chore--collecting solid waste. Shows the garbage collector's problems and illustrates new techniques that can improve efficiency and effectiveness.

Training programs:

Operation responsible; training for safe refuse collection. Refuse collectors suffer 10 to 15 times as many injuries as the average worker. This three-part safety training package, aimed at reducing such injuries, includes a 16-mm film (20 min, sound, color); an instructor's manual with 24 color slides, 35 mm; and a trainee's manual with 241 color slides, 35 mm.

Training for sanitary landfill operations. Even the best planned and most carefully engineered sanitary landfills will fail to meet current standards if the personnel charged with daily operation are not fully trained in their assigned duties. This three-part training package includes a 16-mm film (22 min, sound, color); an instructor's manual with 206 color slides, 35 mm; and a trainee's manual with 10 color slides, 35 mm. (A few sets of this training program are available on a free loan basis to government agencies from Solid Waste Information Materials Control Section, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268.)

hazardous waste management

345. Disposal of hazardous wastes; report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-115. Washington, U.S. Government Printing Office, 1974. 110 p.
376. Pesticides and pesticide containers; regulations for acceptance and recommended procedures for disposal and storage. *Federal Register*, 39(85):15235-15241, May 1, 1974.
398. Pesticides and pesticide containers; proposed regulations for prohibition of certain acts regarding disposal and storage. *Federal Register*, 39(200):36867, 36870, Oct 15, 1974.
399. Federal program for hazardous waste management. J. P. Lehman. *Waste Age*, 5(6):6-7, 66-68, Sept. 1974.
406. Hospital wastes. I. Kiefer. Environmental Protection Publication SW-129. Washington, U.S. Government Printing Office, 1974. 36 p.
450. Hazardous wastes. Environmental Protection Publication SW-138. Washington, U.S. Government Printing Office, 1975. 24 p.
452. Hazardous wastes and their management; environmental information. Washington, U.S. Environmental Protection Agency, May 1975. 3 p.

489. A summary of hazardous substance classification systems. A. M. Kohan. Environmental Protection Publication SW-171. [Washington], U.S. Environmental Protection Agency, 1975. 65 p.
516. PCB-containing wastes (industrial facilities), recommended procedures for disposal. U.S. Environmental Protection Agency. *Federal Register*, 41(64):14134-14136, Apr. 1, 1976.

slide show

Hazardous wastes, the gross national byproduct. Environmental Protection Publication SW-502. [18 min, 35 mm, sound, color, 1975.] Depicts damage from improper hazardous waste disposal on the land. Identifies sources of the waste, gives quantities and types of waste being generated, and explains the effect of exposure to hazardous materials. Available methods of management of hazardous wastes are described, as well as the status of hazardous waste programs.

teaching materials (junior high and high school students)

overall solid waste issues

314. Don't leave it all to the experts, the citizen's role in environmental decision making. Washington, U.S. Government Printing Office, Nov. 1972. 20 p.
- 335.* There lived a wicked dragon. M. Finan. Environmental Protection Publication SW-105. Washington; U.S. Government Printing Office, 1973. 30 p. [Coloring book.]
- 430.* Había una vez un dragon malvado. M. Finan. Environmental Protection Publication SW-105s. [Washington], U.S. Environmental Protection Agency, 1975. 31 p. [Coloring book, Spanish version of "There Lived a Wicked Dragon."]
525. Solid waste management. horizons unlimited. R. E. Train. Presented at International Waste Equipment and Technology Exposition, Chicago, June 2, 1976. Washington, U.S. Environmental Protection Agency. 16 p.
526. Status of solid waste management in the United States. S. Meyers. Presented at 2d International Congress of the International Solid Wastes Association, Padua, June 24, 1976. Washington, U.S. Environmental Protection Agency. (In press.)

resource/energy conservation

333. The salvage industry; what it is--how it works. I. Kiefer. Environmental Protection Publication SW-29c.1. Washington, U.S. Government Printing Office, 1973. 32 p. [Condensation.]
403. Recycling and the consumer; solid waste management. Environmental Protection Publication SW-117.1. [Washington], U.S. Environmental Protection Agency, 1974. [16-3/4 x 22-in. two-sided sheet with information about recycling as well as illustrations of five recyclable materials, which can be made into a mobile.]
- 466.* What you can do to recycle more paper. Environmental Protection Publication SW-143. [Washington], U.S. Environmental Protection Agency, 1975. [12 p.]
503. Saving the energy in solid waste, environmental information. Washington, U.S. Environmental Protection Agency, [1976]. 4 p.

motion picture:

The village green. Environmental Protection Publication SW-8tg. [15 min, 16 mm, sound, color, 1974. Cleared for TV.] Documents a successful and self-sustaining recycling center in New York City sponsored by the Environmental Action Coalition.

*Suitable for elementary school.

systems management

299. * The processing and recovery of Jon Thomas--cool cat! T. Marceleno. Washington, U.S. Government Printing Office, 1972. [34 p.]

motion pictures:

The big pickup. Environmental Protection Publication SW-100c. [28 min, 16 mm, sound, color, 1974.] Describes America's \$5-billion-a-year chore--collecting solid waste. Shows the garbage collector's problems and illustrates new techniques that can improve efficiency and effectiveness.

Portrait of the san-man. Environmental Protection Publication SW-6tg.1. [16 min, 16 mm, sound, 1974. Cleared for TV.] Based on interviews with the men who collect New York City's tons of garbage every day.

hazardous wastes

406. Hospital wastes. I. Kiefer. Environmental Protection Publication SW-129. Washington, U.S. Government Printing Office, 1974. 36 p.
450. Hazardous wastes. Environmental Protection Publication SW-138. Washington, U.S. Government Printing Office, 1975. 24 p.
452. Hazardous wastes and their management; environmental information. Washington, U.S. Environmental Protection Agency, May 1975. 3 p.

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Hazardous wastes, the gross national byproduct. Environmental Protection Publication SW-502. [18 min, 35 mm, sound, color, 1975.] Depicts damage from improper hazardous waste disposal on the land. Identifies sources of the waste, gives quantities and types of waste being generated, and explains the effect of exposure to hazardous materials. Available methods of management of hazardous wastes are described, as well as the status of hazardous waste programs.

waste reduction

313. Waste not, want not. Washington, U.S. Government Printing Office, 1972. [9 x 13-in. poster.]
392. Malgastar causa necesidad. Washington, U.S. Environmental Protection Agency, 1974. [9 x 13-in. poster; Spanish version of "Waste not, want not."]
416. Source reduction fact sheet, Red Owl Stores program. [Washington], U.S. Environmental Protection Agency, [1974]. 3 p.
447. Source reduction fact sheet, reducing waste at its source, program of International Paper Company and Wells Dairy. Washington, U.S. Environmental Protection Agency, May 1975. 2 p.
456. Reduce; targets, means and impacts of source reduction. D. Wahl and G. Allison. League of Women Voters Publication No. 576. Washington, League of Women Voters of the United States, 1975. 47 p.

*Suitable for elementary school.

exhibits

For information on exhibits, write to Solid Waste Information, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268. Please include your phone number and address.

Protect the good earth. U.S. Environmental Protection Agency, 1972. [2 x 2-1/2 ft, portable exhibit, 3 panels, carrying wt 35 lb.]

Solid waste--a valuable resource. U.S. Environmental Protection Agency, 1973. [3-1/3 x 5 ft, permanent exhibit, 6 panels, shipping wt 500 lb.]

films

The following films may be borrowed from RHR Filmedia, Inc., 1212 Avenue of the Americas, New York, New York 10036. Allow 6 weeks for scheduling.

(The big pickup. Environmental Protection Publication SW-100c. Describes America's \$5-billion-a-year chore--collecting solid waste. Shows the garbage collector's problems and illustrates new techniques that can improve efficiency and effectiveness. [28 min, 16 mm, sound, color, 1974.]

The green box. The residents of Chilton County, Alabama, switched from rat-infested open dumps to a trash collection system utilizing green containers that were emptied every second day. Portrays an approach specifically tailored for rural areas. [17 min, 16 mm, sound, color, 1970. Cleared for TV.]

The following motion picture and slide show may be borrowed from Solid Waste Information, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268. Allow 4 weeks for scheduling.

Hazardous wastes, the gross national byproduct. Environmental Protection Publication SW-502. Depicts damage from improper hazardous waste disposal on the land. Identifies sources of the waste, gives quantities and types of waste being generated, and explains the effect of exposure to hazardous materials. Available methods of management of hazardous wastes are described, as well as the status of hazardous waste programs. [18-min, 35-mm slide show, sound, color, 1975.]

Portrait of the san-man. Environmental Protection Publication SW-6tg.1. Actual interviews with the men who collect New York City's tons of garbage every day. [16 min, 16 mm, sound, 1974. Cleared for TV.]

The following film may be borrowed from RHR Filmedia, Inc., 1212 Avenue of the Americas, New York, New York 10036, or purchased from the National Audiovisual Center, General Services Administration, Washington, D.C. 20409. Prices are listed with each film. Allow 6 weeks for scheduling of films from RHR Filmedia, Inc., and 4 weeks for films from the National Audiovisual Center.

Sanitary landfill; one part earth to four parts refuse. Environmental Protection Publication SW-99c. Describes the well-planned landfill--from site selection to use of the completed fill. Designed with technical audiences in mind; includes consideration of equipment types, climate, operating procedures, and topographical and soil conditions. [24 min, 16 mm, sound, color, 1969. Cleared for TV. \$97.75]

The following films may be rented or purchased from the National Audiovisual Center, General Services Administration, Washington, D.C. 20409. Allow 4 weeks for scheduling.

Hazardous wastes, the gross national byproduct. Environmental Protection Publication SW-502. Depicts damage from improper hazardous waste disposal on the land. Identifies sources of waste, gives quantities and types of waste being generated, and explains the effect

of exposure to hazardous materials. Available methods of management of hazardous wastes are described, as well as the status of hazardous waste programs. [18-min, 35-mm slide show, sound, color, 1975.]

Operation responsible, safe refuse collection. Dramatizes the problems and responsibilities of solid waste collectors and the importance to the community of professional solid waste collection. Aimed primarily at motivating the employees to safe work techniques, it lays the groundwork for the technical sessions of a training course for refuse collectors. (See Training Programs, following.) [20 min, 16 mm, sound, color, 1972. Cleared for TV. \$75]

Sanitary landfill--you're the operator. Through the device of an interview with a visiting newsman, a sanitary landfill foreman gives you an inside look at his job. Interesting to citizen groups and those concerned with improving conditions in the sanitation industry. Serves as the introduction to a technical training program for landfill personnel. (See Training Programs, following.) [22 min, 16 mm, sound, color, 1973. Cleared for TV. \$70]

The village green. Environmental Protection Publication SW-8tg. Documents a successful and self-sustaining recycling center in New York City sponsored by the Environmental Action Coalition. [15 min, 16 mm, sound, color, 1974. Cleared for TV. \$79]

A few copies of the first three items above are available on a free loan basis to government agencies from Solid Waste Information, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268.

training programs

These training programs may be purchased from the National Audiovisual Center, General Services Administration, Washington, D.C. 20409.

Operation responsible, training for safe refuse collection. Refuse collectors suffer 10 to 15 times as many injuries as the average worker. This three-part safety training package aimed at reducing such injuries includes a 16-mm motion picture (20 min, sound, color); an instructor's manual with 24 color slides, 35 mm; and a trainee's manual with 241 color slides, 35 mm.

Training for sanitary landfill operations. Even the best planned and most carefully engineered sanitary landfills will fail to meet current standards if the personnel charged with daily operations are not fully trained in their assigned duties. This three-part training package includes a 16-mm motion picture (22 min, sound, color); an instructor's manual with 206 color slides, 35 mm; and a trainee's manual with 10 color slides, 35 mm. (A few sets of this training program are available on a free loan basis to government agencies from Solid Waste Information, U.S. Environmental Protection Agency, Cincinnati, Ohio, 45268.)

state and regional solid waste offices

Order from Solid Waste Information, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268.

393. State solid waste management agencies. [Washington], U.S. Environmental Protection Agency. [List, updated periodically.]

439. [Regional solid waste management representatives. Washington, U.S. Environmental Protection Agency.] 1 p. [List, updated periodically.]

subject index

Numbers following entries are order numbers, by which the publications are listed in this catalog. In general, the higher the number, the more current is the publication, i.e., 1975 OSWMP reports start with no. 426; and 1976 reports start with no. 490. PB numbers refer to EPA's reports on work performed under grant or contract on solid waste management which are available through the National Technical Information Service; these are listed in a separate section.

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- 3.† Can engineering cope with the debris of affluence? *Product Engineering*, 38(21):36-44, Oct. 9, 1967.
- 4.† Characteristics of municipal solid wastes. H. L. Hickman, Jr. *Scrap Age*, 26(2):305-307, Feb. 1969.
- 5.† Cities' rubbish woes grow as volume rises, dumping sites fill up. M. Gordon. *The Wall Street Journal*, Oct. 18, 1961. p. 1, 10.
- 6.† Collection and disposal of solid waste for the Des Moines metropolitan area, a systems engineering approach to the overall problem of solid waste management, an interim report. Henningson, Durham & Richardson, Inc. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. [324 p.]
- 7.† Combustion power unit-400, CPU-400, a technical abstract. Combustion Power Company, Inc. Rockville, Md., U.S. Department of Health, Education, and Welfare, 1969. 15 p. (See PB-187 299.)
8. Composting developments in the United States. J. S. Wiley and O.W. Kochtitzky. *Compost Science*, 6(2):5-9, Summer 1965. [Reprinted, Washington, U.S. Government Printing Office, 1968.] 5 p.
9. Concept and design of the joint U.S. Public Health Service-Tennessee Valley Authority Composting Project, Johnson City, Tennessee. J. S. Wiley, F. E. Gartrell, and H. G. Smith. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1968. 14 p.
- 10.† Decision trees in solid wastes planning. A. J. Klee and G. A. Garland. *Public Works*, 99(7):74-77, July 1968.
- 11.† Development of construction and use criteria for sanitary landfills, an interim report. County of Los Angeles, Department of County Engineer and Engineering-Science, Inc. Cincinnati, U.S. Department of Health, Education, and Welfare, 1969. [267 p.]
- 12.† Do you need a sanitary landfill? [R. J. Black.] Public Health Service Publication No. 1012. Washington, U.S. Government Printing Office, 1963. [8 p.]
- 13.† Effects of garbage grinding on sewage systems and environmental sanitation. P. L. Davis and R. J. Black. *APWA Reporter*, 29(12):16-18, Dec. 1962.
14. Evaluation of the Melt-Zit high-temperature incinerator, operation test report, August 1968. E. R. Kaiser. Cincinnati, U.S. Department of Health, Education, and Welfare, 1969. [116 p.]
15. Experimental composting research and development, joint U.S. Public Health Service-Tennessee Valley Authority Composting Project, Johnson City, Tenn. Washington, U.S. Government Printing Office, 1968. 6 p. [Flyer.]

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- 16.† The Federal solid waste demonstration program. D. M. Keagy. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 13 p.
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- 18.† Grant programs under the Solid Waste Disposal Act. Environmental Protection Publication SW-8. Rockville, Md., U.S. Department of Health, Education, and Welfare, 1969. 16 p.
- 19.† Grants for solid waste disposal projects. *Federal Register*, 31(61):5180-5183, Mar. 30, 1966. Reprinted as amended June 8, 1967. 4 p.
- 20.† Health aspects and vector control associated with animal wastes. W. M. Decker and J. H. Steele. In *Management of Farm Animal Wastes, Proceedings, National Symposium on Animal Waste Management, East Lansing, Mich., May 5-7, 1966*. St. Joseph, Mich., American Society of Agricultural Engineers. p. 18-20.
- 21 International Research Group on Refuse Disposal (IRGRD), information bulletin numbers 1-12, November 1956 to September 1961. J. S. Wiley, ed. Washington, U.S. Government Printing Office, 1969. 308 p.
- 22 International Research Group on Refuse Disposal (IRGRD), information bulletin numbers 13-20, December 1961 to May 1964. J. S. Wiley, ed. Washington, U.S. Government Printing Office, 1969. 274 p.
- 23.† Keeping a sanitary landfill sanitary. B. F. Bjornson and M. D. Bogue. *Public Works*, 92(9):112-114, Sept. 1961.
- 24.† Land reclamation project, an interim report. Harza Engineering Company. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. [338 p.] (See PB-187 301.)
- 25.† A national solid wastes program. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. 9 p.
- 26.† The national solid wastes survey; an interim report. R. J. Black, A. J. Muhich, A. J. Klee, H. L. Hickman, Jr., and R. D. Vaughan. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 53 p.
- 27.† Packaging and solid waste management. R. D. Vaughan. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 11 p. (†*Scrap Age*, (12):143, 150, 155, Dec. 1968.)
- 28 Preliminary data analysis, 1968 national survey of community solid waste practices. A. J. Muhich, A. J. Klee, and P. W. Britton. Public Health Service Publication No. 1867. Washington, U.S. Government Printing Office, 1968. 483 p.
- 29.† Preliminary estimate of the significance of pesticide residues in solid wastes and problems of reduction or elimination of these residues. E. P. Floyd and A. W. Breidenbach. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 6 p.
- 30 Proceedings, the Surgeon General's Conference on Solid Waste Management for Metropolitan Washington, July, 19-20, 1967. L. Weaver, ed. Public Health Service Publication No. 1729. Washington, U.S. Government Printing Office. 194 p.

†Out of print; available only from EPA libraries or Government Printing Office depository libraries.

‡Available in public and university libraries.

- 31.† Progress under the Federal solid wastes program. R. J. Black. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 10 p.
- 32.† The public health aspects of solid waste disposal. R. J. Anderson *Public Health Reports*, 79(2):93-96, Feb. 1964.
- 33.† Quad-City solid wastes project, an interim report, June 1, 1966 to May 31, 1967. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. [181 p.]
- 34.† Rail transport of solid wastes, a feasibility study, interim report. phase one. American Public Works Association Research Foundation. Cincinnati, U.S. Department of Health, Education, and Welfare, 1969. 168 p. (See PB-187 306.)
35. Refuse collection and disposal, an annotated bibliography, 1954-1955. L. Weaver. Public Health Service Publication No. 91, Suppl. B. Washington, U.S. Government Printing Office, 1956. 32 p.
36. Refuse collection and disposal, an annotated bibliography, 1956-1957. E. R. Williams. Public Health Service Publication No. 91, Suppl. C. Washington, U.S. Government Printing Office, 1958. 48 p.
37. Refuse collection and disposal, an annotated bibliography, 1958-1959. E. R. Williams and R. J. Black. Public Health Service Publication No. 91, Suppl. D. Washington, U.S. Government Printing Office, 1961. 73 p.
38. Refuse collection and disposal, an annotated bibliography, 1960-1961. rev. ed. R. J. Black and P. L. Davis. Public Health Service Publication No. 91, Suppl. E. Washington, U.S. Government Printing Office, 1966. 69 p.
39. Refuse collection and disposal, an annotated bibliography, 1962-1963. R. J. Black, J. B. Wheeler, and W. G. Henderson. Public Health Service Publication No. 91, Suppl. F. Washington, U.S. Government Printing Office, 1966. 134 p.
40. Refuse and litter control in recreation areas. L. Weaver. *Public Works*, 98(4):126-128, 160, Apr. 1967/ Reprinted, Washington, U.S. Government Printing Office, 1967. 4 p.
- 41.† Research activities of the solid wastes program of the Public Health Service. A. W. Breidenbach. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 16 p.
- 42.† Review of the national solid wastes program. T. W. Bendixen. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1967]. 15 p.
- 43.† A review of sanitary landfilling practices in the United States. R. J. Black. In *Proceedings, 3d International Congress, International Research Group on Refuse Disposal, Trento (Italy), May 24-29, 1965. [Rome, Temi Press.] p. 40-47. [Published in English, German, French, and Italian editions.]*
44. The role of packaging in solid waste management, 1966 to 1976. A. Darnay and W. E. Franklin. Public Health Service Publication No. 1855. Washington, U.S. Government Printing Office, 1969. 205 p.
- 45.† Safe and sanitary home refuse storage. [R. J. Black.] Public Health Service Publication No. 183. Washington, U. S. Government Printing Office. Revised 1962, 1968. 6 p. [Flyer].
- 46.† Sanitary landfill, a bibliography. R. L. Steiner and R. Kantz. Public Health Service Publication No. 1819. Washington, U.S. Government Printing Office, 1968. 37 p.

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- 49.‡ Solid waste disposal, a new area of pollution. D. Bogue and R. J. Boston. *Georgia Municipal Journal*, 18(2):14-15, Feb. 1968.
- 50.† The Solid Waste Disposal Act, Title II of Public Law 89-272, 89th Cong., S. 306, October 20, 1965. Washington, U.S. Government Printing Office, 1966. (See 171.)
- 51.† Solid Waste Disposal Act Amendment of 1968, report of the Committee on Public Works, United States Senate, to accompany S. 3201, 90th Cong., 2d sess., Report No. 1447. Washington, U.S. Government Printing Office, 1968. 33 p.
- 52.† Solid waste disposal study, technical report, Genesee County, Michigan, June 1968. Cincinnati, U.S. Department of Health, Education, and Welfare, 1969. [251 p.]
53. Solid waste handling in metropolitan areas. [W. E. Gilbertson, R. J. Black, L. E. Crane, and P. L. Davis.] Public Health Service Publication No. 1554. Washington, U.S. Government Printing Office, 1966. 41 p.
- 54.† Solid wastes landfill stabilization, an interim report. Ralph Stone and Company, Inc. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. [145 p.]
55. Solid waste management/composting, European activity and American potential. S. A. Hart. Public Health Service Publication No. 1826. Washington, U.S. Government Printing Office, 1968. 40 p.
- 56.† Solid waste management. the Federal role. R. D. Vaughan. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1969. 22 p.
- 57.† Solid waste reduction/salvage plant, an interim report, City of Madison pilot plant demonstration project, June 14 to December 31, 1967. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. 25 p.
- 58.‡ Solid wastes. every day, another 800 million pounds. S. A. Mix. *Today's Health*, 44(3):46-48, Mar. 1966.
- 59.† Solid wastes management in Germany, report of the U.S. Solid Wastes Study Team visit, June 25-July 8, 1967. S. A. Hart. Public Health Service Publication No. 1812. Washington, U.S. Government Printing Office, 1968. 18 p.
- 60.‡ Some effects of disposable plastic liners on refuse handling efficiency. W. C. McElwee and M. J. Wilcomb. *Journal of Environmental Health*, 30(5):501-509, Mar.-Apr. 1968.
- 61.‡ Some specialized equipment used in European compost systems. J. S. Wiley. *Compost Science*, 4(1):7-10, Spring 1963.
- 62.† Special studies for incinerators, for the government of the District of Columbia, Department of Sanitary Engineering. Day & Zimmerman. Public Health Service Publication No. 1748. Washington, U.S. Government Printing Office, 1968. 80 p. (See PB-187 286.)

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- 63.† State/interstate solid waste planning grants and agencies—January 1969. Public Health Service Publication No. 1912. Rockville, Md., U.S. Department of Health, Education, and Welfare, 1969. 17 p.
- 64.† State/interstate solid waste planning grants, progress abstracts, January 1969. D. D. Swavely and L. F. Hultgren, *comps.* Public Health Service Publication No. 1913. Washington, U.S. Government Printing Office, 1969. 94 p.
65. A study of solid waste collection systems comparing one-man with multi man crews, final report. Ralph Stone and Company, Inc. Public Health Service Publication No. 1892. Washington, U.S. Government Printing Office, 1969. 175 p.
- 66.† Summaries, solid wastes demonstration grant projects—1969. C. E. Sponagle and P. L. Stump. Public Health Service Publication No. 1821. Washington, U.S. Government Printing Office, 1969. 175 p.
- 67.† Summaries of solid wastes research and training grants—1968. L. W. Lefke, *comp.* Public Health Service Publication No. 1596. Washington, U.S. Government Printing Office, 1968. 48 p. Supplement (insert). Jan. 1, 1968—July 1, 1970. 8 p.
- 68.† Technical assistance activities of the solid wastes program. H. L. Hickman, Jr. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. 12 p.
- 69.† The Tezuka refuse compression system, a preliminary report. American Public Works Association Research Foundation. Cincinnati, U.S. Department of Health, Education, and Welfare, 1969. 47 p.
- 70.† The 3rd pollution. Falls Church, Va., Stuart Finley, Inc., [1967], 4 p. [Flyer.]
- 71.† Action on the solid wastes problem. R. J. Black and L. Weaver. *Journal of the Sanitary Engineering Division, Proceedings, American Society of Civil Engineers*, 93(SA6):91-96, Dec. 1967.
- 72.† Ad hoc conference on solid waste training, Robert A. Taft Sanitary Engineering Center, Cincinnati, Nov. 4-6, 1964. Cincinnati, U.S. Department of Health, Education, and Welfare. 72 p.
- 73.† Management of solid wastes from hospitals. problems and technology. R. D. Vaughan. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1969]. 12 p.
- 74.† Municipal composting research at Johnson City, Tennessee. O. W. Kochtitzky, W. K. Seaman, and J. S. Wiley. *Compost Science*, 9(4):5-16, Winter 1969.
- 75.† Municipal incineration. M. D. Bogue. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1968. 27 p.
- 76.† Private contractor opportunities in the solid wastes program. R. J. Black. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 14 p.
77. Solid waste—a natural resource? R. P. Lonergan and E. M. Herson. *In* Man and the quality of his environment, western resources papers, 1967. J. E. Flack and M. C. Shipley, *eds.* [Boulder], University of Colorado Press, 1968. p. 107-120.
- 78.† Solid wastes demonstration grant abstracts, grants awarded January 1-June 30, 1969. C. E. Sponagle [Cincinnati], U.S. Department of Health, Education, and Welfare, 1969. 47 p.

† Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡ Available in public and university libraries.

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- 79.† Solid wastes handling. R. J. Black. *In* Environmental aspects of the hospital. v.2. Supportive departments. Public Health Service Publication No. 930-C-16. Washington, U.S. Government Printing Office, 1967. p. 20-27. Reprinted as "Solid wastes handling [in hospitals]." Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. 9 p.
- 80.† Solid wastes problems and programs. a challenge to the professional sanitarian. Environmental Protection Publication SW-37. D. A. Townley. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 11 p.
- 81.† The solid wastes program of the U.S. Public Health Service. R. D. Vaughan. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1968]. 13 p.
- 82.† Utilization and disposal of poultry manure. J. S. Wiley. Cincinnati, U.S. Department of Health, Education, and Welfare, 1969. 14 p.
- 83.† Effects of land disposal of solid wastes on water quality. R. L. Cummins. Environmental Protection Publication SW-2ts. Cincinnati, U.S. Department of Health, Education, and Welfare, 1968. 29 p.
- 84.† A systems study of solid waste management in the Fresno area, final report on a solid waste management demonstration. Aerojet-General Corporation. Public Health Service Publication No. 1959. Washington, U.S. Government Printing Office, 1969. [411 p.]
85. Summaries of solid waste management contracts, July 1, 1965-June 30, 1970. H. H. Connolly, comp. Public Health Service Publication No. 1897. Washington, U.S. Government Printing Office, 1969. 46 p.
86. An accounting system for sanitary landfill operations. E. R. Zausner. Public Health Service Publication No. 2007. Washington, U.S. Government Printing Office, 1969. 18 p.
- 87.† The psychology of solid waste management. A. J. Klee. *APWA Reporter*, 36(5):14-15, 18, 20, May 1969.
- 88.† Microbiological evaluation of incinerator operations. M. L. Peterson and F. J. Stutzenberger. *Applied Microbiology*, 18(1):8-13, July 1969.
89. International Research Group on Refuse Disposal (IRGRD), information bulletin numbers 21-31, August 1964 to December 1967. Rockville, Md., U.S. Department of Health, Education, and Welfare, 1969. 387 p. [Translated by the Israel Program for Scientific Translations.]
- 90.† See 223.
91. Conversion of organic solid wastes into yeast, an economic evaluation. F. H. Meller. Public Health Service Publication No. 1909. Washington, U.S. Government Printing Office, 1969. 173 p.
- 92.† Technical-economic study of solid waste disposal needs and practices. Combustion Engineering, Inc. Public Health Service Publication No. 1886. Washington, U.S. Government Printing Office, 1969. [705 p.] (See PB-187 712.)
93. Observations of continental European solid waste management practices. M. E. Jensen. Public Health Service Publication No. 1880. Washington, U.S. Government Printing Office, 1969. 46 p.

† Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡ Available in public and university libraries.

order nos.

94. Master plan for solid waste collection and disposal—tri-parish metropolitan area of New Orleans, final report on a solid waste management demonstration. Albert Switzer & Associates, Inc., and Greenleaf/Telesca. Public Health Service Publication No. 1932. Washington, U.S. Government Printing Office, 1969. [359 p.]
95. Dismantling railroad freight cars, a study of improved methods with application to other demolition problems. D. M. Butler and W. M. Graham. Public Health Service Publication No. 1850. Washington, U.S. Government Printing Office, 1969. 32 p.
- 96.‡ Recycling and reuse of waste materials, an essential feature of solid waste control systems for the future. R. D. Vaughan. *Waste Age*, 1(1):6-7, Sept. 1969.
- 97.† Analysis of solid waste composition, statistical technique to determine sample size. D. E. Carruth and A. J. Klee. Environmental Protection Publication SW-19ts. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1969. 25 p.
- 98.‡ Research and development for better solid waste management. A. W. Breidenbach and R. W. Eldredge. *BioScience*, 19(11):984-988, Nov. 1969.
- 99.‡ Tactics, strategy, the solid waste battle. A. J. Klee. *Environmental Science & Technology*, 3(10):898-902, Oct. 1969.
- 100.† Solid wastes and air pollution. R. D. Vaughan. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1969. 16 p.
101. Let DARE make your solid-waste decisions. A. J. Klee. *American City*, 85(2):100-103, Feb. 1970.
- 102.† Air classification for reclamation processing of solid wastes. R. A. Boettcher. ASME Paper No. 69-WA/PID-9. Presented at Winter Annual Meeting, American Society of Mechanical Engineers, Los Angeles, Nov. 16-20, 1969. 12 p.
- 103.‡ Economics of solid waste investment decisions. R. M. Clark. *Journal of the Urban Planning and Development Division, Proceedings, American Society of Civil Engineers*, 96(UP1):65-79, Mar. 1970.
104. Industrial and agricultural solid wastes and problems involved in their disposal. T. J. Sorg. *Public Health News* (New Jersey), 51(3):67-69, Mar. 1970.
105. Kenilworth model sanitary landfill, interim report on a solid waste demonstration project, December 1967-January 1969. District of Columbia, Department of Sanitary Engineering. Washington, U.S. Government Printing Office, 1969. [127 p.]
106. Automobile scrapping processes and needs for Maryland, a final report on a solid waste demonstration. Management Technology, Inc. Public Health Service Publication No. 2027. Washington, U.S. Government Printing Office, 1970. 64 p.
- 107.† Solid waste management and the packaging industry. R. D. Vaughan. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1969. 20 p.
- 108.‡ The Federal solid wastes program. R. D. Vaughan. *Civil Engineering*, 39(2):69-71, Feb. 1969.
- 109.‡ Bureau attacks nation's solid waste. R. D. Vaughan. *Environmental Science & Technology*, 3(8):705-707, Aug. 1969.

† Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡ Available in public and university libraries.

order nos.

110. Current concepts in the disposal of solid wastes. J. C. Kennedy. *Journal of Environmental Health*, 31(2):149-153, Sept.-Oct. 1968.
111. An accounting system for incinerator operations. E. R. Zausner. Public Health Service Publication No. 2032. Washington, U.S. Government Printing Office, 1970. 17 p.
- 112.† Policies for solid waste management. National Academy of Engineering-National Academy of Sciences. Public Health Service Publication No. 2018. Washington, U.S. Government Printing Office, 1970. 64 p.
113. Planning and the national solid waste survey. H. L. Hickman, Jr. *Journal of Environmental Health*, 32(4):402-405, Jan.-Feb. 1970.
- 114.† Solid waste processing, a state-of-the-art report on unit operations and processes. R. B. Engdahl. Public Health Service Publication No. 1856. Washington, U.S. Government Printing Office, 1969. 72 p.
115. Composting dewatered sewage sludge. G. L. Shell and J. L. Boyd. Public Health Service Publication No. 1936. Washington, U.S. Government Printing Office, 1970. 28 p.
116. Progress in solid waste management and needed developments. L. W. Lefke. In Proceedings, 8th Annual Environmental and Water Resources Engineering Conference, Nashville, June 5-6, 1969. Vanderbilt University, Technical Report No. 20. p. 107-118. Reprinted, [Cincinnati], U.S. Department of Health, Education, and Welfare, 1970. 16 p.
117. Proposals for a refuse disposal system in Oakland County, Michigan, final report on a solid waste demonstration grant project. Jones & Henry Engineers Ltd. Public Health Service Publication No. 1960. Washington, U.S. Government Printing Office, 1970. 146 p.
118. Comprehensive study of solid waste disposal in Cascade County, Montana, final report on a solid waste demonstration. Thomas, Dean & Hoskins, Inc. Public Health Service Publication No. 2002. Washington, U.S. Government Printing Office, 1970. 188 p.
- 119.‡ Reuse of solid wastes. a major solution to a major national problem. R. D. Vaughan. *Waste Age*, 1(1):10,14-15, Apr. 1970.
- 120.‡ Where will we put all that garbage? T. Alexander. *Fortune*, 76(5):149-151,189-190,192,194, Oct. 1967. Reprinted, [Cincinnati], U.S. Department of Health, Education, and Welfare, [1970]. 13 p.
- 121.‡ Grants encourage new waste disposal methods. A. J. Muhich. *Journal of Environmental Health*, 32(5):572-578, Mar.-Apr. 1970.
122. Municipal-scale incinerator design and operation. Formerly titled "Incinerator guidelines-1969." J. DeMarco, D. J. Keller, J. Leckman, and J. L. Newton. Public Health Service Publication No. 2012. Washington, U.S. Government Printing Office, 1969. 98 p.
123. Mathematical modeling of solid waste collection policies. v. 1-2. M. M. Truitt, J. C. Liebman, and C. W. Kruse. Public Health Service Publication No. 2030. Washington, U.S. Government Printing Office, 1970. [311 p.]
124. Developing a State solid waste management plan. R. O. Toftness. Public Health Service Publication No. 2031. Washington, U.S. Government Printing Office, 1970. 50 p.

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125. Louisville, Ky. Ind. metropolitan region solid waste disposal study, interim report on a solid waste demonstration project. v. 1. Jefferson County, Kentucky. University of Louisville. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1970. 205 p.
- 126.† Cellulolytic activity in municipal solid waste composting. F. J. Stutzenberger, A. J. Kaufman, and R. D. Lossin. *Canadian Journal of Microbiology*, 16(7):553-560, July 1970.
127. Solid waste management, abstracts and excerpts from the literature. v. 1-2. C. G. Golueke. Public Health Service Publication No. 2038. Washington, U.S. Government Printing Office, 1970. 147 p.
128. Comprehensive studies of solid waste management, first and second annual reports. C. G. Golueke and P. H. McGauhey. Public Health Service Publication No. 2039. Washington, U.S. Government Printing Office, 1970. 245 p.
- 129.† Excerpts relating to solid waste from The President's Message on Environment, 91st Cong., 2d sess., Feb. 10, 1970. [Cincinnati], U.S. Department of Health, Education, and Welfare. [4 p.]
130. An appraisal of marine disposal of solid wastes off the west coast. a preliminary review and results of a survey. C. G. Gunnerson. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1970. 32 p.
- 131.† America the beautiful, a collection of the nation's trashiest humor. A. Hamilton, comp. Public Health Service Publication No. 2048. Washington, U.S. Government Printing Office, 1970. 31 p.
- 132.† Financing municipal solid waste management systems. R. M. Clark and R. O. Toftner. *Journal of the Sanitary Engineering Division, Proceedings, American Society of Civil Engineers*, 96(SA4).885-892, Aug. 1970.
- 133.† Sample weights in solid waste composition studies. A. J. Klee and D. Carruth. *Journal of the Sanitary Engineering Division, Proceedings of the American Society of Civil Engineers*, 96(SA4).945-954, Aug. 1970.
134. Needs for chemical research in solid waste management. A. W. Breidenbach and E. P. Floyd. Washington, U.S. Government Printing Office, 1970. 28 p.
- 135.† PERT, concepts and application to solid waste management. S. J. Meresman. Environmental Protection Publication SW-35ts. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1970. 35 p.
136. Systems analysis of regional solid waste handling. N. Morse and E. W. Roth. Public Health Service Publication No. 2065. Washington, U.S. Government Printing Office, 1970. [294 p.]
- 137.† DISCUS—a solid waste management game. A. J. Klee. *IEEE Transactions on Geoscience Electronics*, GE-8(3):125-129, July 1970.
- 138.† Citizen support for solid waste management. National Association of Counties Research Foundation. [Cincinnati], U.S. Department of Health, Education, and Welfare, [1970]. 20 p. (Also published as ch. 8 of Public Health Service Publication No. 2084.)
- 139.† Planning a comprehensive in-plant solid waste survey. R. L. Cummins, W. T. Dehn, H. Hudson, and M. L. Senske. Environmental Protection Publication SW-58ts. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1970. 9 p.

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡Available in public and university libraries.

order nos.

- 140.† Ocean dumping poses growing threat. *Environmental Science & Technology*, 4(10):805-806, Oct. 1970.
- 141.† The public-private partnership in solid waste management. H. L. Hickman, Jr. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1970. 16 p.
142. International Research Group on Refuse Disposal (IRGRD); information bulletin number -32, April 1968. Rockville, Md., U.S. Department of Health, Education, and Welfare, 1969. 41 p. [Translated by the Israel Program for Scientific Translations.]
143. International Research Group on Refuse Disposal (IRGRD); information bulletin number 33, August 1968. Rockville, Md., U.S. Department of Health, Education, and Welfare, 1969. 27 p. [Translated by the Israel Program for Scientific Translations.]
144. International Research Group on Refuse Disposal (IRGRD); information bulletin number 34, December 1968. Rockville, Md., U.S. Department of Health, Education, and Welfare, 1969. 29 p. [Translated by the Israel Program for Scientific Translations.]
145. International Research Group on Refuse Disposal (IRGRD); information bulletin number 35, May 1969. Rockville, Md., U.S. Department of Health, Education, and Welfare, 1969. 46 p. [Translated by the Israel Program for Scientific Translations.]
- 146.† Decentralized solid waste collection facilities. R. M. Clark and B. P. Helms. *Journal of the Sanitary Engineering Division, Proceedings of the American Society of Civil Engineers*, 96(SA5):1035-1043, Oct. 1970.
147. Mathematical analysis of solid waste collection. D. H. Marks and J. C. Liebman. Public Health Service Publication No. 2104. Washington, U.S. Government Printing Office, 1970. 196 p.
- 148.† Determination of selenium in solid waste. H. Johnson. *Environmental Science & Technology*, 4(10):850-853, Oct. 1970.
- 149.† Mapping the United States ... a solid waste view. A. J. Klee. *Waste Age*, 1(5):30-31, Sept-Oct. 1970.
- 150.† Clean and green solid waste system in Alabama is widely copied. M. D. Bogue. *Waste Age*, 1(5):4-6, 10-11, 36, Sept.-Oct. 1970.
- 151.† Portable sampler for microorganisms in incinerator stack emissions. D. H. Armstrong. *Applied Microbiology*, 19(1):204-205, Jan. 1970.
- 152.† The Resource Recovery Act; Public Law 91-512, 91st Cong., H.R. 11833, October 26, 1970. [Washington, U.S. Government Printing Office, 1970.] 9 p. (See 171.)
153. An accounting system for solid waste collection. E. R. Zausner. Public Health Service Publication No. 2033. Washington, U.S. Government Printing Office, 1970. 24 p.
154. Partial oxidation of solid organic wastes. W. W. Shuster. Public Health Service Publication No. 2133. Washington, U.S. Government Printing Office, 1970. 99 p.
- 155.† Control of domestic rats and mice. rev. ed. B. F. Bjornson, H. D. Pratt, and K. S. Littig. Public Health Service Publication No. 563. Washington, U.S. Government Printing Office, 1968. Reprinted, [Bureau of Solid Waste Management], 1970. 41 p.

† Out of print; available only from EPA libraries or Government Printing Office depository libraries.

‡ Available in public and university libraries.

order nos.

156. Closing open dumps. D. R. Brunner, S. J. Hubbard, D. J. Keller, and J. L. Newton. Environmental Protection Publication SW-61ts. Washington, U.S. Government Printing Office, 1971. 19 p.
- 157.† Marine disposal of solid wastes. C. G. Gunnerson, R. P. Brown, and D. D. Smith. *Journal of the Sanitary Engineering Division, Proceedings, American Society of Civil Engineers*, 96(SA6):1387-1397, Dec. 1970.
- 158 ‡ An investigation of the pH characteristics of compost. R. A. Carnes and R. D. Lossin. *Compost Science*, 11(5):18-21, Sept.-Oct. 1970. Reprinted, [Cincinnati, U.S. Environmental Protection Agency, 1971.] 4 p.
159. The mess we're in. S. Edmund. *Ranger Rick's Nature Magazine*, 4(6):4-10, July 1970.
- 160.† Manage solid wastes as a utility. R. M. Clark, R. O. Toftner, and T. W. Bendixen. *American City*, 86(2):45-47, Feb. 1971.
- 161.† Management of solid waste—the utility concept. R. M. Clark, R. O. Toftner, and T. W. Bendixen. *Journal of the Sanitary Engineering Division, Proceedings, American Society of Civil Engineers*, 97(SA1):33-40, Feb. 1971.
- 162 ‡ Deep-sea disposal of liquid and solid wastes. D. D. Smith and R. P. Brown. *Industrial Water Engineering*, 7(9):20-24, Sept. 1970.
- 163 † State solid waste planning grants, agencies, and progress—1970, report of activities through June 30, 1970. R. O. Toftner, D. D. Swavely, W. T. Dehn, and B. L. Sweeney, comps. Public Health Service Publication No. 2109. Washington, U.S. Government Printing Office, 1971. 26 p.
164. Intergovernmental approaches to solid waste management. R. O. Toftner and R. M. Clark. Environmental Protection Publication SW-47ts. Washington, U.S. Government Printing Office, 1971. 19 p.
- 165 Summaries of solid waste intramural research and development projects. A. W. Breidenbach, comp. Environmental Protection Publication SW-14r. Washington, U.S. Government Printing Office, 1971. 24 p.
- 166 An information system for solid waste operation. Washington, U.S. Environmental Protection Agency, 1971. 3 p.
- 167 † Solid waste management in recreational forest areas. C. S. Spooner. Public Health Service Publication No. 1991. Washington, U.S. Government Printing Office, 1971. 96 p.
- 168 † Oregon solid waste management plan, status report, 1969. Oregon State Board of Health. Public Health Service Publication No. 2115. Washington, U.S. Government Printing Office, 1971. 125 p.
169. American composting concepts. P. H. McGauhey. Public Health Service Publication No. 2023. Washington, U.S. Government Printing Office, 1971. 23 p.
- 170 The role of nonpackaging paper in solid waste management, 1966 to 1976. W. E. Franklin and A. Darnay. Public Health Service Publication No. 2040. Washington, U.S. Government Printing Office, 1971. 76 p.

†Out of print; available only from EPA libraries or Government Printing Office depository libraries.

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order nos.

171. The Solid Waste Disposal Act, Title II of Public Law 89-272-89th Congress, S. 306-October 20, 1965, as amended by the Resource Recovery Act of 1970, Public Law 91-512-91st Congress, H. R. 11833-October 26, 1970; by Public Law 93-14-93rd Congress, H. R. 5446-April 9, 1973 (To extend the amended Solid Waste Disposal Act-for one year), and by Public Law 93-611-93rd Congress, H. R. 16045-January 2, 1975 (To amend the Solid Waste Disposal Act to authorize appropriations for fiscal year 1975). Environmental Protection Publication SW-1.3. [Washington], U.S. Environmental Protection Agency, Office of Solid Waste Management Programs, 1975. 14 p.
172. Proceedings, 1st National Conference on Packaging Wastes, Sept. 22-24, 1969. Environmental Protection Publication SW-9rg. Washington, U.S. Government Printing Office, 1971. 242 p.
- 173.† Locational models for solid waste management. B. P. Helms and R. M. Clark. *Journal of the Urban Planning and Development Division, Proceedings, American Society of Civil Engineers*, 97(UP1). 1-13, Apr. 1971.
- 174.‡ Solid-Waste transfer and disposal for rural areas. D. R. Andres and F. W. Cope. *California Vector Views*, 17(7):67-76, July 1970.
- 175.† California solid waste management study (1968) and plan (1970). California State Department of Public Health. Public Health Service Publication No. 2118. Washington, U.S. Government Printing Office, 1971. [303 p.]
176. An accounting system for solid waste management in small communities. E. R. Zausner. Public Health Service Publication No. 2035. Washington, U.S. Government Printing Office, 1971. 18 p.
177. Recovery and utilization of municipal solid waste, a summary of available cost and performance characteristics of unit processes and systems. N. L. Drobny, H. E. Hull, and R. F. Testin, Public Health Service Publication No. 1908. Washington, U.S. Government Printing Office, 1971. 118 p.
- 178.† Comprehensive studies of solid waste management, third annual report. C. G. Golueke. Environmental Protection Publication SW-10rg. Washington, U.S. Government Printing Office, 1971. 201 p.
- 179.† Plastic wastes in the coming decade. H. H. Connolly. Environmental Protection Publication SW-68. Washington, U.S. Government Printing Office, 1971. 26 p.
- 180.‡ St. Louis power plant to burn city refuse. F. E. Wisely, G. W. Sutterfield, and D. L. Klumb. *Civil Engineering*, 41(1):56-59, Jan. 1971.
- 181.† Kentucky solid waste management plan, status report, 1970. Kentucky State Department of Health. Environmental Protection Publication SW-6tsg. Washington, U.S. Government Printing Office, 1971. 160 p.
182. An accounting system for transfer station operations. E. R. Zausner. Public Health Service Publication No. 2034. Washington, U.S. Government Printing Office, 1971. 20 p.
- 183.† Omaha-Council Bluffs solid waste management plan, status report, 1969. Henningson, Durham & Richardson. Public Health Service Publication No. 2117. Washington, U.S. Government Printing Office, 1971. [225 p.]
- 184.† Pathogens associated with solid waste processing, a progress report. M. L. Peterson. Environmental Protection Publication SW-49r. [Cincinnati], U.S. Environmental Protection Agency, 1971. 26 p.

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order nos.

- 185.† Sanitary landfill design, construction, and evaluation. M. J. Wilcomb and H. L. Hickman, Jr., *comps.* Environmental Protection Publication SW-88ts. Washington, U.S. Government Printing Office, 1971. 11 p.
- 186.† Construction of a chemical-microbial pilot plant for production of single-cell protein from cellulosic wastes. C. D. Callihan and C. E. Dunlap. Environmental Protection Publication SW-24c. Washington, U.S. Government Printing Office, 1971. 126 p. (See PB-223 873.)
187. Rubber reuse and solid waste management, pt. 1-2. R. J. Pettigrew, F. H. Roninger, W. J. Markiewicz, and M. J. Gransky. [Public Health Service Publication No. 2124.] Washington, U.S. Government Printing Office, 1971. 120 p.
188. Financing solid waste management in small communities. E. R. Zausner. Environmental Protection Publication SW-57ts. Washington, U.S. Government Printing Office, 1971. 14 p.
189. Sanitary landfill . . . an answer to a community problem; a route to a community asset. rev. ed. [R. J. Black.] Public Health Service Publication No. 1012. Washington, U.S. Government Printing Office, 1970. [8 p.]
190. Summaries of solid waste research and training grants-1970. L. W. Lefke, A. G. Keene, R. A. Chapman, and H. Johnson, *comps.* Public Health Service Publication No. 1596. Washington, U.S. Government Printing Office, 1971. 134 p. Addendum through July 31, 1971. 8 p. [Insert.]
- 191.† District of Columbia solid waste management plan, status report, 1970. District of Columbia. Environmental Protection Publication SW-4tsg. Washington, U.S. Government Printing Office, 1971. 138 p.
192. Ocean disposal of barge-delivered liquid and solid wastes from U.S. coastal cities. D. D. Smith and R. P. Brown. [Public Health Service Publication No. 2113.] Washington, U.S. Government Printing Office, 1971. 119 p.
- 193.‡ Method for macrodetermination of carbon and hydrogen in solid wastes. D. L. Wilson. *Environmental Science & Technology*, 5(7):609-614, July 1971.
194. Symposium of State and Interstate Solid Waste Planning Agencies, Sept. 9-11, 1969, St. Louis, Mo. L. A. Gluckman, *ed.* Public Health Service Publication No. 2093. Washington, U.S. Government Printing Office, 1971. 92 p.
- 195.† *Solid Waste Information Retrieval System Accession Bulletin*, 1(1-12):1-266, Jan.-Dec. 1970; 2(1-2):1-42, Jan.-Feb. 1971. Washington, U.S. Government Printing Office, 1971-1972.
- 196.† Resource recovery - a new solid waste management philosophy and technology. J. T. Talty. Presented at the 10th Annual Environmental and Water Resources Engineering Conference, Vanderbilt University, Nashville, June 1971. [Cincinnati], U.S. Environmental Protection Agency. 9 p. Reprinted 1971. 11 p.
- 197.† Activities in managing solid wastes. J. DeMarco. *In* Proceedings. Second National Symposium on Food Processing Wastes, Denver, Mar. 23-26, 1971. Pacific Northwest Water Laboratory, EPA; and National Canners Association. p. 41-50. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, 1971. 10 p.

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

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order nos.

- 198.† Solid waste management in the food processing industry. H. T. Hudson. In Proceedings Second National Symposium on Food Processing Wastes, Denver, Mar. 23-26, 1971. Pacific Northwest Water Laboratory, EPA, and National Canners Association. p. 637-654. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, 1971. 18 p.
199. Feasibility study of the disposal of polyethylene plastic waste. K. Gutfreund. Public Health Service Publication No. 2010. Washington, U.S. Government Printing Office, 1971. 45 p.
200. Seven incinerators, evaluation, discussions, and authors' closure. Environmental Protection Publication SW-51ts.lj. [Washington, U.S. Government Printing Office, 1971. 40 p.] (Includes discussions and authors' closure for "An evaluation of seven incinerators" by W. C. Achinger and L. E. Daniels.)
- 201.† Mission 5000, let's find a better way! Washington, U.S. Government Printing Office, 1971. 1 p. [Poster, 16 x 20 in.].
- 202.† Mission 5000. [Washington, U.S. Government Printing Office, 1970.] 6 p. [Flyer and button.]
203. Available information materials, solid waste management. Office of Solid Waste Management Programs. Environmental Protection Publication SW-58.26. Washington, U.S. Environmental Protection Agency, July 1976. 103 p.
- 204.† Compost studies. pt. I. R. D. Lossin. *Compost Science*, 11(6):16-17, Nov.-Dec. 1970.
- 205.† Compost studies. pt. II. R. D. Lossin. *Compost Science*, 12(1):12-13, Jan.-Feb. 1971.)
- 206.† Compost studies. pt. III. R. D. Lossin. Measurement of the chemical oxygen demand of compost. *Compost Science*, 12(2):31-32, Mar.-Apr. 1971.
- 207.† Films tell the story. Washington, U.S. Government Printing Office, 1971. 6 p. [Flyer.]
- 208.† Solid waste management training bulletin of courses, July 1971-December 1972. Washington, U.S. Government Printing Office, 1971. 16 p.
- 209.† 5000 Dumps. Falls Church, Va., Stuart Finley, Inc., [1971]. 6 p. [Flyer.]
- 210.† Recycling. Falls Church, Va., Stuart Finley, Inc., [1971]. 6 p. [Flyer.]
- 211.† The stuff we throw away. Falls Church, Va., Stuart Finley, Inc., [1971]. 6 p. [Flyer.]
212. Composting of municipal solid wastes in the United States. A. W. Breidenbach et al. Environmental Protection Publication SW-47r. Washington, U.S. Government Printing Office, 1971. 103 p.
- 213.† Study report on a pilot-plant conical incinerator. W. C. Achinger. Environmental Protection Publication 14ts. [Cincinnati], U.S. Department of Health, Education, and Welfare, 1970. 56 p.
- 214.† Our environment. Falls Church, Va., Stuart Finley, Inc., [1971]. [4 p.] [Flyer.]
- 215.† State and interstate solid waste planning, a case study of Federal-State partnership, H. L. Hickman, Jr [Cincinnati], U.S. Environmental Protection Agency, 1971. 14 p. [Restricted distribution.]

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡Available in public and university libraries.

216. 1968 National survey of community solid waste practices, region 1. Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont. A. J. Muhich, A. J. Klee, and C. R. Hampel. Public Health Service Publication No. 1866. Washington, U.S. Government Printing Office, 1969. 47 p.
217. 1968 National survey of community solid waste practices, region 2. v. 1. Delaware, New Jersey, New York. A. J. Muhich, A. J. Klee, and C. R. Hampel. Public Health Service Publication No. 1866. Washington, U.S. Government Printing Office, 1969. 161 p.
218. 1968 National survey of community solid waste practices, region 2. v. 2. Pennsylvania. A. J. Muhich, A. J. Klee, and C. R. Hampel. Public Health Service Publication No. 1866. Washington, U.S. Government Printing Office, 1969. 409 p.
- 219.† Selecting solid waste disposal facilities. B. P. Helms and R. M. Clark. *Journal of the Sanitary Engineering Division, Proceedings, American Society of Civil Engineers*, 97(SA4):443-451, Aug. 1971.
- 220.‡ Solid waste demonstration programs . . . can they help you? E. F. Spitzer. *American City*, 86(7):58-60, 62, July 1971.
- 221.‡ Solid waste disposal and resource recovery grants. *Federal Register*, 36(181):18622-18628, Sept. 17, 1971.
222. New chemical concepts for utilization of waste plastics. M. E. Banks, W. D. Lusk, and R. S. Ottinger. [Public Health Service Publication No. 2125.] Washington, U.S. Government Printing Office, 1971. 129 p.
223. Hydrogeology of solid waste disposal sites in northeastern Illinois, a final report on a solid waste demonstration grant project. G. M. Hughes, R. A. Landon, and R. N. Farvolden. Environmental Protection Publication SW-12d. Washington, U.S. Government Printing Office, 1971. 154 p.
- 224.† Parasitological examination of compost, a Solid Waste Research open-file report. M. L. Peterson. [Cincinnati], U.S. Environmental Protection Agency, 1971. 15 p.
- 225.† Economic realities of reclaiming natural resources in solid waste. T. D. Clark. In Institute of Environmental Sciences 1971 Annual Technical Meeting Proceedings, Los Angeles, Apr. 26-30, 1971. Mt. Prospect, Ill., Institute of Environmental Sciences. p. 39-43. Reprinted, [Washington], U.S. Environmental Protection Agency, 1971. 12 p.
- 226.‡ The role of decision models in the evaluation of competing environmental health alternatives. A. J. Klee. *Management Science*, 18(2):B52-B67, Oct. 1971.
- 227.‡ The engineer in solid waste management. H. L. Holman, Jr. *Professional Engineer*, 41(10):16-17, Oct. 1971. Reprinted, [Cincinnati], U.S. Environmental Protection Agency.
228. Cost of residential solid waste collection. R. M. Clark, B. L. Grupehoff, G. A. Garland, and A. J. Klee, *Journal of the Sanitary Engineering Division, Proceedings of the American Society of Civil Engineers*, 97(SA5):563-568, Oct. 1971.
229. Agricultural benefits and environmental changes resulting from the use of digested sewage sludge on field crops, an interim report on a solid waste demonstration project. T. D. Hinesly, O. C. Braids, and J. E. Molina. Environmental Protection Publication SW-30d. Washington, U.S. Government Printing Office, 1971. 62 p.

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡Available in public and university libraries.

230. Recommended standards for sanitary landfill design, construction, and evaluation and model sanitary landfill operation agreement. National Solid Wastes Management Association and Federal solid waste management program. Environmental Protection Publication SW-86ts. Washington, U.S. Government Printing Office, 1971. 23 p.
231. Solid waste management, abstracts from the literature-1964. J. A. Connolly and S. E. Stainback. Public Health Service Publication No. 91-1964, Suppl. G. Washington, U.S. Government Printing Office, 1971. 280 p.
232. Solid waste management demonstration grant projects-1971, for grants awarded during the period June 1, 1966-June 30, 1971. C. E. Sponagle and P. L. Stump. Public Health Service Publication No. 1821. Washington, U.S. Government Printing Office, 1971. 247 p.
- 233.† New York solid waste management plan, status report, 1970. Roy F. Weston [Environmental Scientists and Engineers]. Environmental Protection Publication SW-5tsg. Washington, U.S. Government Printing Office, 1971. [307 p.]
- 234.‡ Solid waste management. H. L. Hickman, Jr. *District Heating*, 57(1).18-19,22-24, Summer 1971. Reprinted, [Washington, U.S. Environmental Protection Agency], 1971. 13 p.
235. Methods of predicting solid waste characteristics. G. B. Boyd and M. B. Hawkins. Environmental Protection Publication SW-23c. Washington, U.S. Government Printing Office, 1971. 28 p.
236. Design of a water-disposable glass packaging container. pt. 1-3. S. F. Hulbert, C. C. Fain, and M. J. Eitel. Environmental Protection Publication Sw-11rg. Washington, U.S. Government Printing Office, 1971. 60 p.
- 237.† An analysis of institutional solid wastes. S. A. Messman [University of Illinois]. Environmental Protection Publication SW-2tg. [Washington], U.S. Environmental Protection Agency, 1971. 61 p.
238. Clean and green solid waste system in Alabama is widely copied. M. D. Bogue. *Waste Age*, 1(5).4-6,10-11,36, Sept.-Oct. 1970. Reprinted, [Washington], U.S. Environmental Protection Agency, 1971. 8 p.
239. Guidelines for local governments on solid waste management. National Association of Counties Research Foundation. Public Health Service Publication No. 2084. Washington, U.S. Government Printing Office, 1971. 184 p.
- 240.‡ Empirical analysis of commercial solid waste generation. T. V. DeGeare, Jr., and J. E. Ongerth. *Journal of the Sanitary Engineering Division, Proceedings of the American Society of Civil Engineers*, 97(SA6):843-850, Dec. 1971.
- 241.† Resource recovery in solid waste management. L. W. Lefke. Environmental Protection Publication SW-67r. [Washington], U.S. Environmental Protection Agency, 1971. 14 p.
242. A study of residential solid waste generated in low-income areas. G. R. Davidson, Jr. Environmental Protection Publication SW-83ts. [Washington], U.S. Environmental Protection Agency, 1972. 14 p.
243. The role of packaging in solid waste management-1966 to 1976. I. Kiefer. Environmental Protection Publication SW-5c.2. Washington, U.S. Government Printing Office, 1971. [28 p.] [Condensation.]

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡Available in public and university libraries.

order nos.

244. Disposal of polymer solid wastes by primary polymer producers and plastics fabricators. C. W. Marynowski. Environmental Protection Publication SW 34c. Washington, U.S. Government Printing Office, 1972. 92 p.
245. Pollution of subsurface water by sanitary landfills. v. 1. A. A. Fungaroli. Environmental Protection Publication SW-12rg. Washington, U.S. Government Printing Office, 1971. [200 p.]
246. Packaging industry and government. H. L. Hickman, Jr. *Waste Age*, 2(6).12-14, Nov.-Dec. 1971.
- 247.† Land use planning and solid waste management. R. M. Clark and R. O. Toftner. *Public Works*, 103(3):79-80,98, Mar. 1972.
248. Solid waste management in residential complexes. Greenleaf/Telesca. Environmental Protection Publication SW-35c. Washington, U.S. Government Printing Office, 1971. [419 p.]
249. Collection and disposal of solid waste for the Des Moines metropolitan area, the planning phase. Henningson, Durham & Richardson, Inc., and Veenstra & Kimm. Environmental Protection Publication SW-14d. Washington, U.S. Government Printing Office, 1971. [321 p.]
- 250.† Interview with Sandy Hale, *Waste Age* discusses new direction for Federal solid waste management program with its new director. *Waste Age*, 2(6).8-9,23-27, Nov.-Dec. 1971. Reprinted, [Washington], U.S. Environmental Protection Agency, 1972. [8 p.]
- 251.† Fleet selection for solid waste collection systems. R. M. Clark and B. P. Helms. *Journal of the Sanitary Engineering Division, Proceedings of the American Society of Civil Engineers*, 97(SA1).71-78, Feb. 1972.
- 252.† High-pressure compaction and baling of solid waste, final report on a solid waste management demonstration grant. K. W. Wolf and C. H. Sosnovsky. Environmental Protection Publication SW-32d. Washington, U.S. Government Printing Office, 1972. 163 p.
253. Digest of selected local solid waste management ordinances. M. D. Powell, B. P. Fiedelman, and M. J. Roe. Environmental Protection Publication SW-38c. Washington, U.S. Government Printing Office, 1972. 376 p.
- 254.† Microbial degradation of urban and agricultural wastes. W. Q. Kehr. *In* Environmental quality. now on never. C. L. San Clemente, ed. SIM Special Publication No. 5. East Lansing, Michigan State University, 1972. p. 184-191.
255. Creating a countywide solid waste management system, the case study of Humphreys County, Tennessee. M. A. Kruth, D. H. Booth, and D. L. Yates. Environmental Protection Publication SW-110. Washington, U.S. Government Printing Office, 1972. 15 p.
256. Air classification of solid wastes, performance of experimental units and potential applications for solid waste reclamation. R. A. Boettcher. Environmental Protection Publication SW-30c. Washington, U.S. Government Printing Office, 1972. 73 p.
257. Solid waste management, abstracts from the literature-1965. J. A. Connolly and S. E. Stainback. Public Health Service Publication No. 91-1965, Suppl. H. Washington, U.S. Government Printing Office, 1972. 216 p.

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡Available in public and university libraries.

order nos.

258. Solid waste management, abstracts from the literature - 1966. Franklin Institute Research Laboratories. Public Health Service Publication No. 91-1966, Suppl. I. Washington, U.S. Government Printing Office, 1972. 197 p.
- 259.† Study of solid waste management, committee guide. League of Women Voters Publication No. 699. Washington, League of Women Voters of the United States, Nov. 1971. 8 p.
- 260.† Initiating a national effort to improve solid waste management. Environmental Protection Publication SW-14. [Washington], U.S. Environmental Protection Agency, 1971. 107 p.
261. Design of consumer containers for re-use or disposal, proceedings of Solid Waste Resources Conference, [Columbus], May 12-13, 1971. G. F. Sachsel, comp. Environmental Protection Publication SW-3p. Washington, U.S. Government Printing Office, 1972. 330 p.
262. Satellite vehicle waste collection systems. J. E. Delaney. Environmental Protection Publication SW-82ts.1. Washington, U.S. Government Printing Office, 1972. 14 p. [Condensation.]
- 263.† EPA's Office of Solid Waste Management Programs. [R. J. Griffin, Jr.] [Washington], U.S. Environmental Protection Agency, [1972]. 15 p.
264. Energy recovery from waste, solid waste as supplementary fuel in power plant boilers. R. A. Lowe. Environmental Protection Publication SW-36d.ii. Washington, U.S. Government Printing Office, 1973. 24 p.
265. 5000 Dumps. Stuart Finley, Inc. Environmental Protection Publication SW-39c.4. [Cincinnati], U.S. Environmental Protection Agency, 1972. 7 p. [Film narrative.]
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272. The green box. Stuart Finley, Inc. Environmental Protection Publication SW-39c.6. [Cincinnati], U.S. Environmental Protection Agency, 1972. 7 p. [Film narrative.]
273. Recycling our resources. E. McGough. *American Youth*, 13(1):18-21, Mar.-Apr. 1972.
274. New technologies in solid waste management. C. J. Dnal. Environmental Protection Publication SW-82. [Washington], U.S. Environmental Protection Agency, 1972. 18 p.

† Out of print, available only from EPA libraries or Government Printing Office depository libraries.

order nos.

275. The automobile cycle, an environmental and resource reclamation problem. U.S. Environmental Protection Agency, Federal solid waste management program. Environmental Protection Publication SW-80ts.1. Washington, U.S. Government Printing Office, 1972. 115 p.
- 276.† Federal redirections in solid waste. *Environmental Science & Technology*, 6(4):318-320, Apr. 1972. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, 1972. 4 p.
277. Aerial and automotive reconnaissance of solid waste disposal sites in a rural county. T. J. Sorg. Environmental Protection Publication SW-32ts. [Washington], U.S. Environmental Protection Agency, 1972. 12 p.
278. Industrial solid waste problems. T. J. Sorg. *AIChE Symposium Series*, 68(122):1-5, 1972.
279. Solid waste management glossary. U.S. Environmental Protection Agency, Federal solid waste management program. Environmental Protection Publication SW-108ts. Washington, U.S. Government Printing Office, 1972. 20 p.
280. Mission 5000, a citizens' solid waste management project. Environmental Protection Publication SW-115ts. Washington, U.S. Government Printing Office, 1972. [16 p.]
281. Solid waste management, abstracts from the literature-1967. Franklin Institute Research Laboratories. Public Health Service Publication No. 91-1967, Suppl. J. Washington, U.S. Government Printing Office, 1972. 404 p.
- 282.† Solid waste management, abstracts from the literature-1968. Franklin Institute Research Laboratories. Public Health Service Publication No. 91-1968, Suppl. K. Washington, U.S. Government Printing Office, 1972. 286 p.
283. Computer planning for efficient solid waste collection. I. Kiefer. Environmental Protection Publication SW-5rg.1. Washington, U.S. Government Printing Office, 1972. [24 p.] [Condensation.]
284. Design criteria for solid waste management in recreational areas. H. R. Little. Environmental Protection Publication SW-91ts. Washington, U.S. Government Printing Office, 1972. 68 p.
- 285.† Sanitary landfill. alternative to the open dump. *Environmental Science & Technology*, 6(5):408-410, May 1972.
286. Recycling, assessment and prospects for success. A. Damay. Environmental Protection Publication SW-81. Washington, U.S. Government Printing Office, 1972. 14 p.
287. Sanitary landfill design and operation. D. R. Brunner and D. J. Keller. Environmental Protection Publication SW-65ts. Washington, U.S. Government Printing Office, 1972. 59 p.
288. Sanitary landfill, one part earth to four parts refuse. L. A. Haug and R. J. Black. Environmental Protection Publication SW-6. Washington, U.S. Government Printing Office, 1972. [22 p.] [Film narrative.]
- 289.† Resource recovery losing ground. S. Hale, Jr. *Phoenix Quarterly*, 4(2):3-4, 1972.
290. Let's dump the dump, the ABC's of solid waste management. Greenfield, Mass., Channing L. Bete Co., Inc., 1971. 16 p.

† Out of print, available only from EPA libraries or Government Printing Office depository libraries.

† Available in public and university libraries.

order nos.

291. Clean and green. [Clanton, Ala., Chilton County, 1972.] [4 p.]
292. Solid waste management in high-rise dwellings, a condensation. I. Kiefer. Environmental Protection Publication SW-27c.1. Washington, U.S. Government Printing Office, 1972. 19 p.
293. Salvage markets for materials in solid wastes. A. Dagnay and W. E. Franklin. Environmental Protection Publication SW-29c. Washington, U.S. Government Printing Office, 1972. 187 p.
294. Information retrieval services of EPA's Office of Solid Waste Management Programs. J. A. Connolly. Environmental Protection Publication SW-91.2. [Cincinnati], U.S. Environmental Protection Agency, 1972. 12 p.
- 295.† Production of fungal protein from cellulose and waste cellulose. C. J. Rogers, P. V. Scarpino, E. Coleman, D. F. Spino, and T. C. Purcell. *Environmental Science & Technology*, 6(8):715-719, Aug. 1972.
296. Recycle; in search of new policies for resource recovery. League of Women Voters Publication No. 132. Washington, League of Women Voters of the United States, 1972. 39 p.
297. Aerobic treatment of livestock wastes. D. D. Jones, D. L. Day, and A. C. Dale. Environmental Protection Publication SW-16rg. Washington, U.S. Government Printing Office, 1972. 55 p.
298. A study of solid waste collection systems comparing one-man with multi-man crews, a condensation. I. Kiefer. Environmental Protection Publication SW-9c.1. Washington, U.S. Government Printing Office, 1972. 32 p.
299. The processing and recovery of Jon Thomas—cool cat! T. Marceleno. Environmental Protection Publication SW-4ts. Washington, U.S. Government Printing Office, 1972. [34 p.]
300. Solid waste handling and disposal in multistory buildings and hospitals. v. 1. Summary, conclusions, and recommendations. Esco/Greenleaf. Environmental Protection Publication SW-34d.1. Washington, U.S. Government Printing Office, 1972. [263 p.]
301. Solid waste handling and disposal in multistory buildings and hospitals. v. 3. Research on systems development. Esco/Greenleaf. Environmental Protection Publication SW-34d.3. Washington, U.S. Government Printing Office, 1972. [229 p.]
302. Solid waste—it won't go away; current focus. rev. ed. League of Women Voters Publication No. 675. Washington, League of Women Voters of the United States, Nov. 1971. [12 p.]
303. Solid waste management, the national issues, community guide. rev. ed. League of Women Voters Publication No. 134. Washington, League of Women Voters of the United States, Nov. 1972. [4 p.]
304. Solid waste management, an overview. W. D. Ruckelshaus. *Public Management*, 54(10):2-4, Oct. 1972.
305. Role of sanitary landfilling in solid waste management. R. J. Black. *Waste Age*, 3(5):28-30, 32, 54-57, Sept.-Oct. 1972.
- 306.† The Federal role in solid waste management—present and future. S. Hale, Jr., J. A. Hill, and H. L. Hickman, Jr. [Cincinnati], U.S. Environmental Protection Agency, 1972. 30 p.

†Out of print; available only from EPA libraries or Government Printing Office depository libraries.

‡Available in public and university libraries.

307. Resource recovery, recycling, and reuse. In Annual report to the President and to the Council on Environmental Quality for the year ending May 1972. Citizens' Advisory Committee on Environmental Quality. Washington, U.S. Government Printing Office, [1972]. p. 33-41. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, 1972. [10 p.]
308. Glass and aluminum recovery in recycling operations. W. Herbert and W. A. Flower. *Public Works*, 102(8):70,110,112, Aug. 1971. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, 1972. 2 p.
309. Waste processing complex emphasizes recycling. W. Herbert and W. A. Flower. *Public Works*, 102(6):78-81, June 1971. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, 1972. 4 p.
310. Improving manual solid waste separation studies. P. W. Britton. *Journal of the Sanitary Engineering Division, Proceedings of the American Society of Civil Engineers*, 98(SA5):717-730, Oct. 1972.
311. Solid Waste Demonstration Projects, Proceedings of a Symposium, Cincinnati, May 4-6, 1971. P. L. Stump, comp. Environmental Protection Publication SW-4p. Washington, U.S. Government Printing Office, 1972. 256 p.
312. Automatic amino acid analyses for determining the amount and quality of protein in fungal protein and in other protein sources. W. E. Coleman. In Symposium, seed proteins. G. E. Inglett, ed. Westport, Conn., Avi Publishing Company, Inc., 1972. p. 277-283.
313. Waste not, want not. Washington, U.S. Government Printing Office, 1972. [9 x 13-in. poster.]
314. Don't leave it all to the experts, the citizen's role in environmental decision making. Washington, U.S. Government Printing Office, Nov. 1972. 20 p.
315. What the people want you to do with solid waste. L. Sharpe. *APWA Reporter*, 40(1):8-9, Jan. 1973. Reprinted, [Washington], U.S. Environmental Protection Agency, 1973. 2 p.
316. Incentives for recycling and reuse of plastics, a summary report. [Arthur D. Little, Inc.] Environmental Protection Publication SW-41c.1. [Cincinnati], U.S. Environmental Protection Agency, 1973. 18 p.
317. Patent abstracts, United States solid waste management, 1945-1969. J. A. Connolly and S. E. Radinsky, comps. Public Health Service Publication No. 1793, Suppl. A. Washington, U.S. Government Printing Office, 1973. 452 p.
318. A litter bit is not enough. T. F. Williams. [Cincinnati, U.S. Environmental Protection Agency, 1973.] 11 p.
319. Patent abstracts, international solid waste management, 1945-1969. Environmental Protection Publication SW-78c. Washington, U.S. Government Printing Office, 1973. 437 p.
- 320.† Solid waste management—closing the circle. S. Hale, Jr. Environmental Protection Publication SW-87. [Cincinnati, U.S. Environmental Protection Agency, 1972.] 21 p. Reprinted, Washington, U.S. Government Printing Office, [1973]. 19 p.
- 321.† Resource recovery, the state of technology. Midwest Research Institute. [Prepared for the Council on Environmental Quality.] Washington, U.S. Government Printing Office, 1973. 67 p.
322. Ecology of compost, a public involvement project. D. L. Dindal. Syracuse, State University of New York, College of Environmental Science and Forestry, 1972. 12 p.

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

order nos.

323. Regional management of solid wastes, a planning study. I. Kiefer. Environmental Protection Publication SW-80.1. Washington, U.S. Government Printing Office, 1973. 7 p. [Condensation.]
324. Making polyethylene more disposable. I. Kiefer. Environmental Protection Publication. SW-14c.1. Washington, U.S. Government Printing Office, 1973. 24 p. [Condensation.]
325. Oregon's bottle bill, the first six months. E. Claussen. Environmental Protection Publication SW-109. Washington, U.S. Government Printing Office, 1973. 14 p.
- 326.† The beverage container problem, analysis and recommendations. T. H. Bingham and P. F. Mulligan [Research Triangle Institute]. Washington, U.S. Government Printing Office, 1972. 190 p. (See PB-213 341.)
327. The States' roles in solid waste management, a task force report. T. Anderson et al. Lexington, Council of State Governments, 1973. 58 p. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, July 1973.
- 328.‡ Pesticides and containers, acceptance, disposal, and storage, proposed rulemaking and issuance of procedures. *Federal Register*, 38(99):13622-13626, May 23, 1973.
- 329.† Pyrolysis. a possible new approach to solid waste disposal and recycling. [Cincinnati, U.S. Environmental Protection Agency], May 1973. 4 p.
330. Solid waste, disposal, reuse present major problems. *Congressional Quarterly, Weekly Report*, 31(17):1019-1023, Apr. 28, 1973.
331. Cities and the nation's disposal crisis. Washington, National League of Cities and U.S. Conference of Mayors, Mar. 1973. 46 p. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, June 1973.
332. Environmental impacts of packaging. E. L. Claussen. [Washington], U.S. Environmental Protection Agency, 1973. 10 p.
333. The salvage industry, what it is—how it works. I. Kiefer. Environmental Protection Publication SW-29c.1. Washington, U.S. Government Printing Office, 1973. 32 p. [Condensation.]
334. The Federal resource recovery demonstration program. S. Hale. *Professional Engineer*, 48(6) 28-31, June 1973.
335. There lived a wicked dragon. M. Finan. Washington, U.S. Government Printing Office, 1973. 30 p. [Coloring book.]
336. Developing a local and regional solid waste management plan. R. O. Toftner. Environmental Protection Publication SW-101ts.1. Washington, U.S. Government Printing Office, 1973. 29 p.
337. Solid waste transfer stations, a state-of-the-art report on systems incorporating highway transportation. T. A. Hegdahl. Environmental Protection Publication SW-99. Reprinted, [Cincinnati], U.S. Environmental Protection Agency, 1973. 160 p. (See PB-213 511.)
- 338.‡ The utilization of expert opinion in decision-making. A. J. Klee. *AIChE Journal*, 18(6):1107-1115, Nov. 1972.

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

‡Available in public and university libraries.

order nos.

339. Sanitary landfilling, report on a joint conference sponsored by the National Solid Waste Management Association and the U.S. Environmental Protection Agency, Kansas City, Missouri, Nov. 14-15, 1972. J. E. Delaney, *comp.* Environmental Protection Publication SW-5p. [Washington], U.S. Environmental Protection Agency, 1973. 190 p.
- 340.† Who's on the clean-up crew? R. J. Black. *In* Polymers and ecological problems. J. Guillet, *ed.* New York, Plenum Publishing Corporation, 1973. p. 181-184.
341. Solid waste recycling projects, a national directory. P. Hansen, *comp.* Environmental Protection Publication SW-45. Washington, U.S. Government Printing Office, 1973. 284 p.
342. Improving rural solid waste management practices. T. L. Goldberg. Environmental Protection Publication SW-107. Washington, U.S. Government Printing Office, 1973. 83 p.
343. The national buyer's guide to recycled paper. S. Dane, *comp.* Washington, Environmental Educators, Inc., 1973. 208 p.
344. Recycling and the consumer, solid waste management. Environmental Protection Publication SW-117. [Washington], U.S. Environmental Protection Agency, 1974. 12 p.
345. Disposal of hazardous wastes, report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-115. Washington, U.S. Government Printing Office, 1974. 110 p.
346. The private sector in solid waste management, a profile of its resources and contribution to collection and disposal. v. 1-2. Applied Management Sciences, Inc. Environmental Protection Publication SW-51d.1. Washington, U.S. Environmental Protection Agency, 1973. 239 p.
- 347.† Shaving solid waste collection costs. G. A. Garland and B. R. Weddle. *Nation's Cities*, 12(2).13-14, 16-17, Feb. 1974.
348. Scrap tires as artificial reefs. R. B. Stone, C. C. Buchanan, and F. W. Steimle, Jr. Environmental Protection Publication SW-119. Washington, U.S. Government Printing Office, 1974. 33 p.
349. Films tell the solid waste management story. rev. ed. Washington, U.S. Government Printing Office, 1974. 6 p. [Film list.]
350. Resource recovery, the Federal perspective. J. H. Skinner. *Waste Age*, 5(1).12,14,54, Jan.-Feb. 1974.
351. Sanitary landfill synopsis. J. E. Delaney and J. M. Sweeten. Cincinnati, U.S. Environmental Protection Agency, 1972. [2 p.] [Pocket calculator.]
352. Resource recovery and source reduction, first report to Congress. 3d ed. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-118. Washington, U.S. Government Printing Office, 1974. 61 p.
353. Resource recovery and source reduction, second report to Congress. U.S. Environmental Protection Agency, Office of Solid Waste Management Programs. Environmental Protection Publication SW-122. Washington, U.S. Government Printing Office, 1974. 112 p.
354. Solving the abandoned car problem in small communities, W. T. Dehn. Environmental Protection Publication SW-70ts.1. Washington, U.S. Government Printing Office, 1974. 23 p.

†Out of print, available only from EPA libraries or Government Printing Office depository libraries.

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order nos.

355. Bird/aircraft hazards at airports near solid waste disposal sites. G. R. Davidson, T. V. DeGeare; T. J. Sorg, and R. M. Clark. Environmental Protection Publication SW-116. Washington, U.S. Government Printing Office, 1974. 30 p.
356. Heuristic routing for solid waste collection vehicles. K. A. Shuster and D. A. Schur. Environmental Protection Publication SW-113. Washington, U.S. Government Printing Office, 1974. 45 p.
357. Statement; Samuel Hale, Jr., Deputy Assistant Administrator for Solid Waste Management Programs, before the Subcommittee on the Environment, Committee on Commerce, United States Senate, June 14, 1973 [and] June 22, 1973. S. Hale, Jr. [Washington, U.S. Environmental Protection Agency, 1974.] 43 p.
358. Statement of Arsen J. Darnay, Jr., Acting Deputy Assistant Administrator for Solid Waste Management Programs, Environmental Protection Agency, before the Subcommittee on Minerals, Materials and Fuels, Committee on Interior and Insular Affairs, United States Senate, Washington, D.C., October 30, 1973. A. Darnay. [Washington, U.S. Environmental Protection Agency, 1974.] 10 p.
359. EPA press briefing on solid waste management and energy, February 8, 1974. [Washington, U.S. Environmental Protection Agency, 1974.] 6 p., attachments.
360. Energy and the environment. T. F. Williams. Presented before the Plenary Session Panel "Counterpoint" at 20th Annual Meeting of Keep America Beautiful, Inc., New York, Dec. 5-6, 1973. [Washington, U.S. Environmental Protection Agency, 1974.] 6 p.
364. Environmental protection, residuals management, and resources—the future is now. A. Darnay. Presented at Annual Meeting of National Packaging Association, Boca Raton, Fla., Mar. 12-16, 1974. [Washington], U.S. Environmental Protection Agency, 1974. 23 p.
368. Gaseous emissions from municipal incinerators. A. A. Carotti and R. A. Smith. Environmental Protection Publication SW-18c. Washington, U.S. Government Printing Office, 1974. 61 p.
369. Size reduction of solid waste, an overview. L. F. Mank. Environmental Protection Publication SW-117. [Washington], U.S. Environmental Protection Agency, 1974. 8 p.
370. User's manual for COLMIS, a collection management information system for solid waste management. v. 1. Environmental Protection Publication SW-57c. Washington, U.S. Environmental Protection Agency, 1974. 99 p.
371. User's manual for COLMIS, a collection management information system for solid waste management. v. 2. Environmental Protection Publication SW-58c. Washington, U.S. Environmental Protection Agency, 1974. 49 p.
372. Illinois report probes citizens' attitudes on refuse problems. *Solid Wastes Management*, 17(2):19,51-53,66,70,72, Feb. 1974; 17(3):26,74,84-85, Mar. 1974. Reprinted, [Washington], U.S. Environmental Protection Agency, 1974. 6 p.
373. Basic issues on solid waste management affecting county government. National Association of Counties. [Washington], U.S. Environmental Protection Agency, May 1973. 40 p.
374. Users' guide to the solid waste information retrieval system thesaurus. J. A. Connolly, V. P. Fuschini, and S. S. Radinsky, comps. Environmental Protection Publication SW-104.01. Washington, U.S. Government Printing Office, 1974. 56 p.
375. Library holdings—nonperiodical, Federal solid waste management program, November 1972. R. Gill and M. Bolly. Environmental Protection Publication SW-123. Washington, U.S. Government Printing Office, 1974. 150 p.

order nos.

376. Pesticides and pesticide containers, regulations for acceptance and recommended procedures for disposal and storage. *Federal Register*, 39(85):15235-15241, May 1, 1974.
377. State solid waste management and resource recovery incentives act. In 1973 Suggested state legislation. v. 32. Lexington, Ky., The Council of State Governments, 1973. Reprinted, [Washington], U.S. Environmental Protection Agency, 1974. p. 63-76.
378. Energy conservation through improved solid waste management. R. A. Lowe, M. Loube, and F. A. Smith. Environmental Protection Publication SW-125. [Washington], U.S. Environmental Protection Agency, 1974. 39 p.
379. Environmental protection—the people's choice. T. F. Williams. Presented at 2d Northeast Regional Conference of the National Audubon Society, New Paltz, N.Y., June 8, 1974. [Washington, U.S. Environmental Protection Agency, 1974.] 17 p.
380. Waste management—private and public perspectives. A. Darnay. Presented at National Solid Waste Management Association's International Waste Equipment and Technology Exposition, Houston, June 23, 1974. [Washington], U.S. Environmental Protection Agency, 1974. 15 p.
381. Separating paper at the waste source for recycling. S. Lingle. Environmental Protection Publication SW-128. Washington, U.S. Government Printing Office, 1974. 16 p.
382. Incentives for tire recycling and reuse. I. Kiefer. Environmental Protection Publication SW-32c.1. Washington, U.S. Government Printing Office, 1974. 28 p.
383. Our effluent society, the States and solid waste management. The Council of State Governments [Washington], U.S. Environmental Protection Agency, 1974. 41 p.
384. Sanitary landfill, a bibliography. R. L. Steiner and R. Kantz. Environmental Protection Publication SW-4rg.1. [Washington], U.S. Environmental Protection Agency, 1974. 34 p.
385. Thermal processing and land disposal of solid waste; guidelines. *Federal Register*, 39(158):29327-29338, Aug. 14, 1974.
386. Mechanics of style, a guide for Solid Waste Management authors, Secretaries, grantees, and contractors. Office of Solid Waste Management Programs. Environmental Protection Publication SW-7.2. [Washington], U.S. Environmental Protection Agency, 1974. 20 p.
387. Refuse as a supplementary fuel for power plants—November 1973 through March 1974; interim progress report. G. W. Sutterfield. Environmental Protection Publication SW-36d.iii. [Washington], U.S. Environmental Protection Agency, July 1974. 25 p.
388. The demonstration of systems for recovering materials and energy from solid waste. J. H. Skinner. Presented at National Materials Conservation Symposium, National Bureau of Standards, Gaithersburg, Md., Apr. 29, 1974. [Washington], U.S. Environmental Protection Agency. 20 p.
389. COLMIS, a new solid waste management information system. Washington, U.S. Environmental Protection Agency, 1974. 6 p. [Flyer.]
390. Decision-makers guide in solid waste management. 2d ed. Environmental Protection Publication SW-500. Washington, U.S. Government Printing Office, 1976. 158 p.
391. Disposal of sewage sludge into a sanitary landfill. R. Stone, comp. Environmental Protection Publication SW-71d. Washington, U.S. Environmental Protection Agency, 1975. 418 p.
392. Malgastar causa necesidad. Washington, U.S. Environmental Protection Agency, 1974. [9 x 13-in. poster; Spanish version of "Waste not, want not."]

order nos.

393. State solid waste management agencies. [Washington], U.S. Environmental Protection Agency. [List, updated periodically.]
394. EPA publishes decision-makers guide for sanitation officials. R. A. Colonna. *Solid Wastes Management*, 17(7):30,34,37, July 1974.
- 395.† The Federal solid waste management programme, a review and prognosis. H. L. Hickman, Jr. Presented at 76th Annual Conference of Institute of Solid Wastes Management, Scarborough, England, June 18-21, 1974. London, Institute of Solid Wastes Management, 1974. 14 p.
- 396.‡ U.S. finds a rich resource, the nation's trash pile. *U.S. News & World Report*, 76(19):63-64,66, May 13, 1974.
397. Trends in wastepaper exports and their effects on domestic markets. F. L. Smith, Jr. Environmental Protection Publication SW-132. [Washington], U.S. Environmental Protection Agency, 1974. 17 p.
- 398.‡ Pesticides and pesticide containers, proposed regulations for prohibition of certain acts regarding disposal and storage. *Federal Register*, 39(200):36867-36870, Oct. 15, 1974.
- 399.‡ Federal program for hazardous waste management. J. P. Lehman. *Waste Age*, 5(6):6-7,66-68, Sept. 1974.
- 400.‡ The economics of separate refuse collection. R. P. Stearns and R. H. Davis. *Waste Age*, 5(3):6-8,10-11,14-15,130-131, May/June 1974.
401. Markets and technology for recovering energy from solid waste. S. J. Levy. Environmental Protection Publication SW-130. Washington, U.S. Environmental Protection Agency, 1974. 31 p.
402. Refuse shredders at EPA's Gainesville, Florida, experimental composting plant. J. A. Ruf. *Waste Age*, 5(3):58,60-63,66, May/June 1974.
403. Recycling and the consumer, solid waste management. Environmental Protection Publication SW-117.1. [Washington], U.S. Environmental Protection Agency, 1974. [16 1/4 x 22-in. two-sided sheet with information about recycling as well as illustrations of five recyclable materials, which can be made into a mobile.]
404. Debris accumulation in ancient and modern cities. C. G. Gunnerson. *Journal of the Environmental Engineering Division, Proceedings of the American Society of Civil Engineers*, 99(EE3):229-243, June 1973.
405. Resource and environmental profile analysis of nine beverage container alternatives, final report. v. 1-2. R. G. Hunt, W. E. Franklin, R. O. Welch, J. A. Cross, and A. E. Woodall. Environmental Protection Publication SW-91c. Washington, U.S. Environmental Protection Agency, 1974. 178 p.
406. Hospital wastes. I. Kiefer. Environmental Protection Publication SW-129. Washington, U.S. Government Printing Office, 1974. 36 p.
407. Fuel conservation in solid waste management. K. A. Shuster. *Virginia Town & City*, 9(12):7-9, Dec. 1974.
408. Recovering resources from solid waste using wet processing, EPA's Franklin, Ohio, demonstration project. D. G. Arella. Environmental Protection Publication SW-47d. Washington, U.S. Government Printing Office, 1974. 26 p.

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409. A five-stage improvement process for solid waste collection systems. K. A. Shuster. Environmental Protection Publication SW-131. Washington, U.S. Government Printing Office, 1974. 38 p.
410. A legislative history of the Solid Waste Disposal Act, as amended, together with a section-by-section index. U.S. Congress, Senate, Committee on Public Works. Washington, U.S. Government Printing Office, 1974. 503 p.
411. Dumps, a potential threat to our groundwater supplies. B. R. Weddle and G. A. Garland. *Nation's Cities*, 12(10):21-22,24-25,42, Oct. 1974.
- 412.† St. Louis/Union Electric refuse firing demonstration air pollution test report. L. J. Shannon, M. P. Schrag, F. I. Honea, and D. Bendersky. Washington, U.S. Environmental Protection Agency, 1974. 107 p.
- 413.† Resource recovery and land protection, an environmental imperative. A. Darnay. Presented at Spring Meeting, Paperboard Group, American Paper Institute, Greenbrier, W. Va., May 21, 1974. New York, American Paper Institute, 1974. 7 p.
414. Recycle, use it again, Sam. [Washington, U.S. Environmental Protection Agency, 1974.] [Bumper sticker.]
415. Where have all the toxic chemicals gone? W. H. Walker. *Ground Water*, 11(2):11-20, Mar.-Apr. 1973. Reprinted, [Washington], U.S. Environmental Protection Agency, 1974. 10 p.
416. Source reduction fact sheet, Red Owl Stores program. [Washington], U.S. Environmental Protection Agency, [1974]. 3 p.
- 417.† Pyrolysis of municipal solid waste. S. J. Levy. *Waste Age*, 5(7):14-15,17-20, Oct. 1974.
418. One private plant treats oil, chemical residues in Denmark. P. Henriksen. *Solid Wastes Management*, 17(5):77-78, 139, May 1974.
- 419.† Suggested solid waste management ordinance for local government. National Association of Counties. Research Foundation. Environmental Protection Publication SW-73d. [Washington], U.S. Environmental Protection Agency, 1974. 23 p.
- 420.† Paper recycling in the United States. S. A. Lingle. *Waste Age*, 5(8):6-8,10, Nov. 1974.
- 421.† There's gold in your garbage. B. Peterson. *Scouting*, 62(7):47-48,84-86, Oct. 1974. Reprinted, [Washington], U.S. Environmental Protection Agency, 1974. 4 p.
422. Packaging source reduction, can industry and government cooperate? E. L. Claussen. Environmental Protection Publication SW-136. [Washington], U.S. Environmental Protection Agency, 1974. 17 p.
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424. Más allá de la lata de basura. G. Allison, S. Mooser, and P. Taylor. Environmental Protection Publication SW-7tg. [Washington], U.S. Environmental Protection Agency, 1974. 23 p. [Spanish version of "Beyond the trash can."]

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- 439 [Regional solid waste management representatives. Washington, U.S. Environmental Protection Agency.] 1 p. [List, updated periodically.]
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450. Hazardous wastes. Environmental Protection Publication SW-138. Washington, U.S. Government Printing Office, 1975. 24 p.
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454. Solid wastes, proposed guidelines for storage and collection. U.S. Environmental Protection Agency *Federal Register*, 40(134):29404-29408, July 11, 1975.
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456. Reduce, targets, means and impacts of source reduction. D. Wahl and G. Allison. League of Women Voters Publication No. 576. Washington, League of Women Voters of the United States, 1975. 47 p.
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460. Win the war on waste. R. E. Train. Presented at 3d National Congress on Waste Management Technology and Resource Recovery, San Francisco, Nov. 14, 1974. [Washington, U.S. Environmental Protection Agency, 1975.] 15 p.
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462. Questions and answers, returnable beverage containers for beer and soft drinks. [Washington, U.S. Environmental Protection Agency, Office of Solid Waste Management Programs], July 1975. [13 p.]
463. Solid waste management, guidelines for beverage containers. U.S. Environmental Protection Agency. *Federal Register*, 40(220):52968-52969, Nov. 13, 1975.
464. State program implementation guide. hazardous waste surveys. C. H. Porter. Environmental Protection Publication SW-160. [Washington], U.S. Environmental Protection Agency, July 1975. 38 p.
465. Paper recycling 1973. a dramatic year in perspective. S. A. Lingle. In Fiber Conservation and Utilization. Proceedings, Pulp and Paper Seminar, Chicago, May 1974. Reprinted, San Francisco, Miller Freeman Publications, Inc., 1975. 11 p.
466. Solid waste management today ... bringing about municipal change. D. Wahl and R. L. Bancroft. *Nation's Cities*, 13(8):17-32, Aug. 1975.
467. Use of solid waste as a fuel by investor-owned electric utility companies. proceedings, EPA/Edison Electric Institute Meeting. R. A. Lowe. Environmental Protection Publication SW-6p. Washington, U.S. Environmental Protection Agency, July 1975. 27 p.
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473. Materials, recovery, solid waste management guidelines for source separation. U.S. Environmental Protection Agency. *Federal Register*, 40(181):42986-42990, Sept. 17, 1975.
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477. IRIS, injury reporting and information system for solid waste management. Washington, U.S. Environmental Protection Agency, [1975]. 3 p. [Flyer.]
478. IRIS, a new service for the solid waste management industry. Washington, U.S. Environmental Protection Agency, [1975]. 4 p.
479. Sanitary landfill Clark County, Arkansas. [Arkadelphia, Ark., Clark County, 1975.] 9 p.
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order nos.

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506. Ultimate disposal of spilled hazardous materials. A. W. Lindsey. *Chemical Engineering*, 82(23):107-114, Oct. 27, 1975.
507. EPA employees provide paper for recycling, environmental news. Washington, U.S. Environmental Protection Agency, [1976]. 2 p. [Press release.]
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526. Status of solid waste management in the United States. S. Meyers. Presented at 2d International Congress of the International Solid Wastes Association, Padua, June 24, 1976. Washington, U.S. Environmental Protection Agency. (In press.)
528. Resource recovery technology update from the U.S. EPA; status report on resource recovery technology: demonstrating resource recovery. S. Lingle, ed. *Waste Age*, 7(6):19,22,26,42,44-46, June 1976.

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- PB-239 778 Sonoma County solid waste stabilization study. EMCON Associates. Environmental Protection Publication SW-65d.1. U.S. Environmental Protection Agency, 1975. 283 p.
- PB-239 869 An experimental high ash papermill sludge landfill, first annual report. O. B. Andersland et al. U.S. Environmental Protection Agency, 1974. 200 p.
- PB-239 895-Set Routing of solid waste collection vehicles. U.S. Environmental Protection Agency, 1974. 4 v.
- PB-239 896 First annual report and appendix A, a linear programming approach for the traveling salesman problem. J. C. Liebman and S. Hong. 70 p.
- PB-239 897 First annual report and appendix B, optimal routing of solid waste collection vehicles. J. C. Liebman and M. Wathne. 110 p.
- PB-239 898 Final report and appendix A, manual for use of the computer codes. J. C. Liebman. 55 p.
- PB-239 899 Final report and appendix B, a heuristic solution to the m-postman problem. J. C. Liebman and J. W. Male. 127 p.
- PB-239 914 Preliminary design of a household refuse grinder. A. T. Fisk and A. Guzdar. U.S. Environmental Protection Agency, 1974. 130 p.

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- PB-239 915 Feasibility of hydraulic transport of ground household refuse through sewer appurtenances. D. A. Monaghan and A. Guzdar. U.S. Environmental Protection Agency, 1974. 130 p.
- PB-239 917 Residential collection systems. v. 2. Detailed study and analysis. ACT Systems, Inc. Environmental Protection Publication SW-97c.2. U.S. Environmental Protection Agency, 1974. 254 p.
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- PB-240 395 San Jose's municipal solid waste system, a case study. Applied Management Sciences, Inc. Environmental Protection Publication SW-78c. U.S. Environmental Protection Agency, 1975. 153 p.
- PB-240 723 High-temperature vortex incinerator. R. C. Thurnau and D. A. Oberacker. U.S. Environmental Protection Agency, 1975. 32 p.
- PB-240 988 An evaluation of the impact of discriminatory taxation on the use of primary and secondary raw materials. Booz-Allen and Hamilton, Inc. Environmental Protection Publication SW-101c. U.S. Environmental Protection Agency, 1975. 148 p.
- PB-241 204 Assessment of industrial hazardous waste practices, storage and primary batteries industries. Versar, Incorporated. [Environmental Protection Publication] SW-102c. U.S. Environmental Protection Agency, Jan. 1975. [209 p.]
- PB-241 468 Lee County, Mississippi, solid waste disposal project. Lee County Board of Supervisors. Environmental Protection Publication SW-83d. U.S. Environmental Protection Agency, 1974. [140 p.]
- PB-241 729 Requiring secondary materials in Federal construction, a feasibility study. J. M. Ramsey [Resource Planning Associates.] Environmental Protection Publication SW-130c. U.S. Environmental Protection Agency, Jan. 1975. [206 p.]
- PB-242 461 Preliminary design of a comprehensive waste oil processing facility. G. D. Gumtz and E. J. Martin [Maryland Environmental Services]. U.S. Environmental Protection Agency, May 1975. 142 p.
- PB-242 536 Use of domestic waste glass for urban paving, summary report. W. R. Malisch, D. E. Day, and B. G. Wixson [University of Missouri]. U.S. Environmental Protection Agency, May 1975. 60 p.
- PB-242 540 Specifications for materials recovered from municipal refuse. H. Alter and W. R. Reeves [National Center for Resource Recovery, Inc.]. U.S. Environmental Protection Agency, May 1975. 120 p.
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- PB-243 366 Environmental assessment of future disposal methods for plastics in municipal solid waste. D. A. Vaughan et al. [Battelle Columbus Laboratories]. U.S. Environmental Protection Agency, June 1975. 86 p.
- PB-243 386 Methods to treat, control and monitor spilled hazardous materials. R. J. Pile et al. [Calspan Corporation]. U.S. Environmental Protection Agency, June 1975. 149 p.
- PB-243 634 St. Louis refuse processing plant equipment, facility, and environmental evaluations. L. J. Shannon, D. E. Fiscus, and P. G. Gorman [Midwest Research Institute]. U.S. Environmental Protection Agency, May 1975. 122 p.

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- PB-244 310 v. 1. Summary. N. L. Hecht and D. S. Duvall [University of Dayton Research Institute]. 40 p.
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- PB-244 312 v. 3. Utility coal ash. N. L. Hecht and D. S. Duvall [University of Dayton Research Institute]. 74 p.
- PB-244 557 Guidelines for the disposal of small quantities of unused pesticides. E. W. Lawless, T. L. Ferguson, and A. F. Meiners [Midwest Research Institute]. U.S. Environmental Protection Agency, June 1975. 342 p.
- PB-244 832 Assessment of industrial hazardous waste practices, inorganic chemicals industry. R. G. Shaver et al. [Versar, Incorporated]. Environmental Protection Publication SW-104c. U.S. Environmental Protection Agency, Mar. 1975. [505 p.]
- PB-245 271 Review of landspreading of liquid municipal sewage sludge. T. E. Carroll et al. [Battelle Columbus Laboratories]. U.S. Environmental Protection Agency, June 1975. 110 p.
- PB-245 672 Evaluation of shredding facilities, Rock Cut Road Plant No. 1, Onondaga County Solid Waste Disposal Authority, Onondaga County, New York. Onondaga County Solid Waste Disposal Authority. Environmental Protection Publication SW-86d. U.S. Environmental Protection Agency, 1975. [147 p.]
- PB-245 674 A technical, environmental and economic evaluation of the "wet processing system for the recovery and disposal of municipal solid waste." Systems Technology Corporation. Environmental Protection Publication SW-109c. U.S. Environmental Protection Agency, 1975. 223 p.
- PB-245 924 Base line forecasts of resource recovery, 1972 to 1990. final report. Midwest Research Institute. Environmental Protection Publication SW-107c. U.S. Environmental Protection Agency, 1975. [386 p.]
- PB-247 185 Evaluation of solid waste baling and balefills. v. 1. Ralph Stone and Company, Inc. Environmental Protection Publication SW-111c.1. U.S. Environmental Protection Agency, 1975. [375 p.]
- PB-247 566 Injury reporting and information system field test. v. 1. D. M. J. Compton and K. King [Safety Sciences, WSA, Incorporated]. Environmental Protection Publication SW-110c.1. U.S. Environmental Protection Agency, 1975. [138 p.]
- PB-247 567 Injury reporting and information system field test. v. 2. Tabulation of data. D. M. J. Compton and K. King [Safety Sciences, WSA, Incorporated]. Environmental Protection Publication SW-110c.2. U.S. Environmental Protection Agency, 1975. [66 p.]
- PB-249 747 Chemical waste land disposal facility demonstration grant application. Bear Engineering Company for The Minnesota Pollution Control Agency. Environmental Protection Publication SW-87d. U.S. Environmental Protection Agency, 1975. 183 p.
- PB-250 717 A study of selected landfills designed as pesticide disposal sites. TRW Systems Group. Environmental Protection Publication SW-114c. U.S. Environmental Protection Agency, 1976. 143 p.

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PB-250 802 Analysis of demand and supply for secondary fiber in the U.S. paper and paperboard industry. v. 3. Appendices. Arthur D. Little, Inc. Environmental Protection Publication SW-115c.3. U.S. Environmental Protection Agency, 1976. 422 p.

PB-250 905 Analysis of demand and supply for secondary fiber in the U.S. paper and paperboard industry. v. 2, sect. 9. Process economics. Arthur D. Little, Inc. Environmental Protection Publication SW-115c.2. U.S. Environmental Protection Agency, 1976. 257 p.

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SWIRS SEARCH REQUEST		SOLID WASTE INFORMATION RETRIEVAL SYSTEM (SWIRS) P.O. BOX 2365, ROCKVILLE, MD. 20852							
FROM (Mailing address including ZIP code)				RESPOND TO (Mailing address including ZIP code)					
PHONE NUMBER		DATE		PHONE NUMBER		DATE			
REQUESTED INFORMATION									
INDICATE: (1) Searchable elements; (2) time period, from 1964 to present (e.g., 1973-1976)									
AUTHOR(S)				PERIODICAL(S) YES NO		PATENT(S) YES NO		NON-PERIODICAL(S) YES NO	
1.									
2.									
3.									
ORIGIN		ABSTRACT CLASSIFICATION				LANGUAGE(S)			
FOREIGN ONLY		SCIENTIFIC				ENGLISH			
DOMESTIC ONLY		TECHNICAL				OTHER (List below)			
BOTH OF THE ABOVE		BOTH OF THE ABOVE							
		GENERAL							

solid waste information retrieval system (swirs)

In addition to the reports on EPA's solid waste work listed in this publication, solid waste management information users may wish to research the worldwide literature. For this purpose, EPA has an information retrieval system (SWIRS), which generates abstracts in response to key-words. For literature searches on all aspects of solid waste management with worldwide coverage, request a comprehensive search to meet your research needs, from SWIRS, Post Office Box 2365, Rockville, Maryland 20852.

The literature abstracted is primarily from non-OSWMP generated sources, and is retrievable under the following category searchable elements:

AGRICULTURAL WASTES

Crop residues
Manure

Timber/other vegetation

ANALYSIS OF SOLID WASTE

Data

AUTOMOBILES

BULKY WASTES

COLLECTION

COMPOST

DISPOSAL

ECONOMICS

Disposal costs
Financing facilities
Pollution control costs
Marketing information
Taxes and incentives

HAZARDOUS WASTES

HEALTH/SAFETY

INCINERATION

INDUSTRIAL WASTES

INSTITUTIONAL WASTES

LAWS/REGULATIONS

LITTER

MANAGEMENT

Municipal

Regional

Rural

State

OCEAN DISPOSAL

PACKAGING

PROCESSING/REDUCTION

RECYCLING

Incinerator residue

Industrial wastes

Mining wastes

Municipal refuse

Scrap metal

RESEARCH

SANITARY LANDFILL

SEPARATION

SLUDGE

STORAGE

STREET CLEANING

TRAINING, EDUCATION,

PUBLIC RELATIONS

TRANSPORT

SOURCE REDUCTION

ENERGY

Demand for solid waste
management

Fuel from wastes

Heat utilization from
incineration

The source documents from which the SWIRS summaries are generated are AVAILABLE THROUGH INTERLIBRARY LOANS through all organizational, academic, or local library systems.

To expedite response, please direct all SWIRS literature-search requests to:

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See SWIRS Search Request on the back of this page.

Please do not send the SWIRS Search Request to the Solid Waste Information address given for OSWMP publications, since this will delay your search.

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